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1899

NEW YORK.
14 BARCLAY ST.

VAUGHAN'S SEED STORE

VAUGHAN'S INTERNATIONAL PANSIES

THE FLOWERS ILLUSTRATED ON THIS PAGE PRESENT ONLY A FEW OF THE COLORS CONTAINED IN OUR INTERNATIONAL STRAIN. A PACKET OF OUR SEED WILL PRODUCE AT LEAST FORTY OTHER COLOR COMBINATIONS IN FLOWERS JUST AS LARGE. THERE ARE NO BETTER PANSIES IN THE WORLD. WITH ALL THE COMPETITION AT THE WORLD'S FAIR, VAUGHAN'S INTERNATIONAL PANSIES WERE THE ONLY MIXTURE OF PANSIES TO WHICH A MEDAL WAS AWARDED, AND IT IS TO-DAY BETTER THAN EVER.

PRICE, PKT. (250 SEEDS) 25¢;
3 PKTS. (750 SEEDS) 65¢; 5 PKTS. \$1.00.



VAUGHAN'S INTERNATIONAL PANSIES.

THE Pansy is the people's popular flower. Its improvement has been constant and marvelous. Pansies cannot be improved by the ordinary saving of seed from the home garden or neighborhood exchange. Flowers of the present magnificent coloring, giants in size and infinite in variety, are the result only of the most careful growing, hybridizing and selection in favorable climates. "Vaughan's International Mixture" is a combination of as many separate colors, types, blendings and unique kinds as can be found in the world. It has been made up and sold by us for ten years; is the best general mixture in existence and is most widely known and popular. It is used by most professional florists. It received the highest award at the Columbian Exposition and was awarded the gold medal at Omaha last Summer. For 1899 we have added to the



OMAHA MEDAL.

Giant Bugnot, Trimardeau, Highland, Paris and other types, the following distinctly new ones, many of which were formerly obtainable only by the hundred seeds, but which are now grown by the pound for our "International strain": Pres. McKinley, rich, golden yellow, with velvety blotch; Giant Freya, rich, purple violet, with broad,



WORLD'S FAIR MEDAL.

white margin showing on the back; Giant Adonis, light blue, with white center; Pres. Carnot, white, with dark violet blotch; Mad. Perret, dark wine color, veined, with white margin, and new Ruffled Giants in copper and mahogany shades.

Sow this seed by March if possible, or before, and with proper attention your Pansy flowers will be the delight of your garden and the admiration of everyone—the best in the neighborhood.

IOWA CITY, IOWA.—The Pansies that I got from the packet of International Pansy seeds last year were superb. I had over eighty varieties and the colors were simply beautiful. The plants blossomed from early June until the frost came, so profusely that it was almost a burden to keep them picked.
NATHAN BARBEE.

SALONA, WIS.—Last year I sent for a package of International Pansy seeds. They were the admiration of the neighborhood.
MRS. C. N. JENKIN.

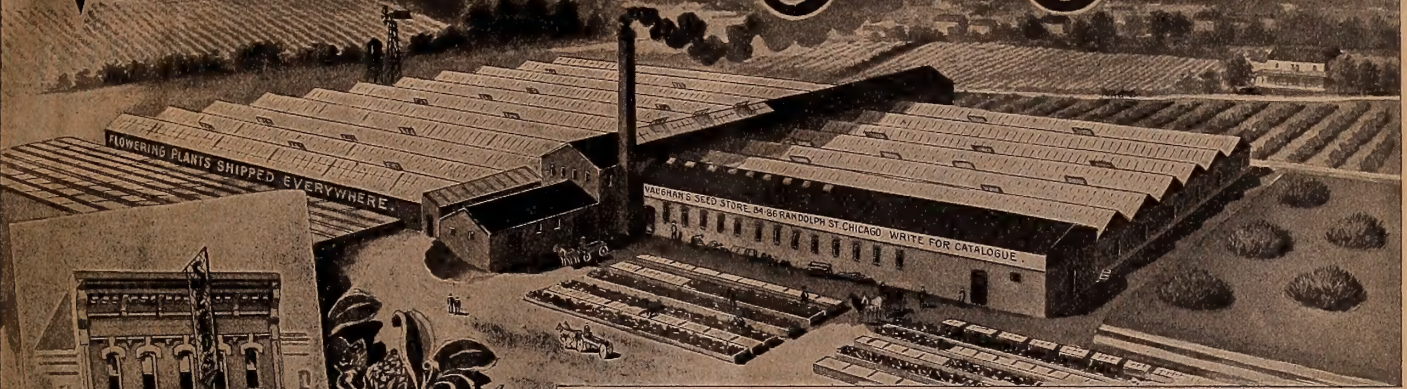
NATCHEZ, MISS.—The Pansies grown from your seed were the finest I have ever seen in this country and many visitors to my garden considered them comparable only to your own show at the World's Fair.
M. R. DAVIS.

PEORIA, ILL.—I had a bed of Pansies last Summer from your International Pansy seed that was the pride of the neighborhood. We had Pansies by the bushel and the most beautiful colors we ever saw.
WM. BRUNINGA.

PRICE: Packet, (250 seeds) 25 cents; 3 packets, (750 seeds) 65 cents;
5 packets, (1250 seeds) \$1.00. * * * * *

SEE FRONT COVER FOR TYPES PAINTED FROM NATURE.

VAUGHAN'S CHICAGO, NEW YORK SEED STORE



VIEW OF VAUGHAN'S GREENHOUSES AT WESTERN SPRINGS, ILL.

VAUGHAN'S GARDENING ILLUSTRATED FOR 1899.

Every year new homes are established in city, village and country. But more than equal to this growth is the increased love for, and interest in, home gardens, plants and flowers. Those who have none, wish to make a beginning; those who have begun, will add kinds which are better, more artistic and more beautiful. For nearly twenty-five years we have sought to supply this ever-increasing demand for the best in horticulture, and have fortunately been located where the best parks and many fine gardens have been made. It is but natural then that we keep in touch with (we may say almost in advance of) the progress which gardening makes. New plants, new seeds, new flowers and new shrubs are introduced every year and such as are of approved value, we add to our annual "Gardening Illustrated".

Carefully Grown Seed of the best standard kinds is of no less importance.

In fact, varieties of vegetables often sold in commission boxes are so run down, that the true type can hardly be found. It has always been our aim to offer the best types of each—the purest Evergreen Sweet Corn—Danvers Carrot—Onion of exactly the best shape, color and evenness—and so with all other vegetables and flowers of the long list.

It is because of these two reasons that our mail trade increases and spreads wider every year. All the novelties in plants, vegetables or flowers, and the best grown types and seeds of the good old standard kinds. It is because of our knowledge, and our stocks on both these lines, that we can please the amateur and the professional, and keep their gardens in line and ahead of the average seeds, plants, or bulbs sold as common merchandise by those who have no knowledge of what they sell.

Our prices low for best quality. If we do not sell 12 pkts. for 10 cents, it is because we sell larger packets of fresher seed, and on account of the great expense in growing seeds which are the very best of their kind, whose record of growth and pedigree we know—good seeds, like drugs, can only be satisfactorily sold by those who know them.

Some short crops this year are Beans, Onion, Sunflower, Spinach, and some Squashes, Melons and Cucumbers.

PLEASE READ THE FOLLOWING CAREFULLY.

HOW TO ORDER.—We do not send Seeds, Plants, Bulbs or Potatoes C. O. D. Write your Name, Post Office, State and your Express Office plainly, with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given we use our best judgment, but it must be at your expense and risk.

VERY IMPORTANT.—We aim to fill your orders immediately, and you can greatly aid us in making them out on our Order Sheet, as follows:

1. Place the quantity wanted before each article.
2. Use one line for each kind ordered.
3. As nearly as possible, make your list in the same order in which the seeds are catalogued, beginning at the front.
4. Kindly use special order sheet for plant orders.

WARRANTY.—We test all Seeds before sending them out, but in case they fail to grow when tested by purchaser, we will replace them or give value in others, but can in no manner warrant the crop nor be responsible for other failures. We will not be responsible for failure of Grass Seeds nor unsuccessful flowering of Bulbs or Roots.

HOW TO PAY.—Send cash with order, (as we do not open book accounts for small amounts, and can only send to the value of money received), by New York or Chicago Draft, Registered Letter, Money Order or Cash by Express, in any of these ways at our risk. Postage stamps are taken as cash. Registered Letters are generally very safe, and you can send that way from any post-office and get your receipt by return mail, by which you know the order has reached us.

COST OF REMITTANCE.—Our customers may select additional Seeds Free, with every order of \$1.00 or more, to the amount of the cost of remittance.

PROMPT DELIVERY.—If Seeds are not received in a reasonable time, send exact copy of order, date sent, stating kind of remittance, and the same will be investigated.

ERRORS.—If stock is not as expected compare with order, read catalogue rules carefully and if we are in the wrong, write us at once, giving all particulars as in paragraph above, but do not complain to others until you have given us a chance to explain or rectify. Do not return goods until you hear from us.

OUR VEGETABLE SEEDS, largely used by Gardeners around Chicago and in the trucking districts East and South, meet successfully the competition of seeds from all sources.

FRESH FLOWER SEEDS. These are of the grade known as "Florists' Flower Seeds" and that means, of the past season's growth and in bulk lots, by the ounce and pound at quantity rates. We offer those bulk rates to you on many items.

FARM SEEDS, GARDEN TOOLS, New Varieties of Seed Corn, Grasses, Forage Plants of real merit—Garden Tools at prepaid prices, and in general the largest variety carried by any Seed House in the World, and every item at close prices.

THE GREENHOUSE DEPARTMENT. (50,000 feet of glass). Here we do not strive to mail the smallest plant for the least money, but grow our young plants until they are large enough to have some value to the buyer, and aim to give extra good value in our "Express Plants"—"larger sizes for immediate effect."

OUR LOCATION, East and West, Chicago and New York, covers the country for quick, direct freight or express shipments at lowest rates, or for prompt mail service.

THE SAME TIME, money and ground is needed to raise a crop of poor vegetables and flowers as to raise the finest. Nature reproduces, be sure then that you give her the true foundation.

NEW YORK,
14 Barclay Street.

VAUGHAN'S SEED STORE CHICAGO,
84 & 86 Randolph St.



VAUGHAN'S NEW SNOWBALL

CAULIFLOWER.

WE know of no better type of this variety—very early, smoothly rounded heads, fine grained, compact, even in size. This variety, while a first early, is better adapted generally to Fall use than the large late sorts commonly used for that purpose. We stake our reputation on its merits against all comers. All we want is that our customers try it—every one who uses Cauliflower, according to his needs—from packets to pounds. It will give satisfaction by the dozen plants or in a dozen acres. The habit of the plant is close growing and compact, and plants can be set closely together, from 18 to 21 inches. "Every plant,"—says our grower—"which did not produce a perfect head was discarded when selecting our stock plants for seed." Our customers have found it by careful tests, fully equal to the best Cauliflower which they have ever grown, and our Chicago Market Gardeners, who planted it quite extensively this past Summer, are already placing orders for 1899. "Vaughan's New Snowball" is put up in packages as follows: Pkts., $\frac{1}{4}$ oz., $\frac{1}{2}$ oz., 1 oz., and 1-4 pounds, sealed with our trademark and with distinctive paper and printing.

Price, pkt., 25c.; 1-4 oz., 85c.; $\frac{1}{2}$ oz., \$1.60; oz., \$3.00; 1-4 lb., \$10.00; lb., \$35.00.

THE NETTED GEM MUSK MELON.

This small, high flavored, green-fleshed Melon has been on the market many years. Many selections have been made from it by critical market growers, and it has also been used for hybridizing or crossing with other sorts. Now there are many forms and types of "Gems," as the Netted Gem is often called on the market. As a matter of fact, nearly all these types are decidedly larger than the original, while some are fully three times as large. The most distinct are known as the "Oval" and "Round" Netted Gems, which, though they are not positively fixed in form, are nearly so, and we offer under those names which describe the general form of the melons. We are surprised that the seedsman who introduced the original Netted Gem to the public, and who, we believe, has trials of these melons himself, should continue to offer only the round variety. His 1899 Catalogue claims that type to be identical with the "Rocky Ford," which all seedsmen and almost every melon eater knows is an oval-shaped melon. Undoubtedly "Rocky Ford" is a type of "Gem," but there are many other crosses and selections from it, and in just what particular the Rocky Ford growers through their climate or selection have produced such uniformly distinct and high flavored melons of what may be called apparently a large oval Netted Gem we do not yet know. Experts are puzzled and no two agree, but we shall undoubtedly learn in a year or two more. (We ourselves are now perfecting a new type of "Gem" which, when "fixed," shrewd gardeners tell us will take the place of the two present popular types.) We offer:

Netted Gem, Oval.—Lb., 90c.; $\frac{1}{4}$ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.

Netted Gem, Round.—Lb., 70c.; $\frac{1}{4}$ lb., 20c.; 2 ozs., 15c.; oz., 10c.; pkt., 5c.

Netted Gem, Rocky Ford Strain.—Lb., \$1.50; $\frac{1}{4}$ lb., 45c.; 2 ozs., 25c.; oz., 15c.; pkt., 10c.



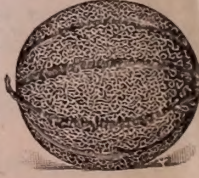
PAUL ROSE MUSK MELON. (See back cover for colored illustration.)

Palmyra Nurseries and Fruit Farm, Palmyra, N. Y. The Paul Rose Musk Melon is about as fine and perfect as any I have ever grown. Its great value is in its perfect form and uniformity of size. A. M. PURDY.

Sheridan, Ind. The Paul Rose Melon is as good in quality as any I ever ate. The flavor is excellent. The yield is better than any I ever tried. Several persons ate of them last Summer, and they pronounced them the best they ever ate. I think now I shall want some seed next Spring. C. JESSUP.

Terre Haute, Ind. We are pleased with Paul Rose Melon. It is a vigorous grower and remarkably productive of quite uniform Melons of excellent flavor. We are also pleased with "Rocky Ford," which seems an excellent strain of "Little Gem." These and Osage make a Big Three. L. H. MAHAN.

Clinton, Ind. I think Paul Rose an excellent variety; the quality better than anything I have ever grown, and yield as good as the best. Will try it again this Spring. JAMES A. WHITE.



VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1899 3



VAUGHAN'S SELECTED TRUE JENNY LIND Musk Melon.

THE INCREASED INQUIRY FOR MEDIUM SIZED MELONS has induced an improvement in the Jenny Lind and we have been offering for the past six years an excellent strain of this, which retains the best qualities of the old type and possesses the advantage of better netting, a firmer rind and more uniform shape. Our selection of seed in the season of 1898 was especially critical and taken from the most uniform crop we have ever seen growing. Our illustration shows specimens just as the crop appeared by the acre, and its distinct appearance renders it THE MOST ATTRACTIVE FORM OF JENNY LIND WE HAVE EVER OFFERED. It is unexcelled in eating qualities. The rind is thicker on the ends than in the old variety, so that it does not "break down" easily in shipping, and yet it retains the flattened ends distinctive of the old type, which by many growers is considered as giving good appearance and also permits compact placing in baskets or crates. No melon grower will go wrong in planting a part, or all of his crop, with this highly improved strain of True Jenny Lind.

1 lb., 90c.; ¼ lb.; 25c.; oz., 10c.; pkt., 5c.

THE LUPTON.

✱ A New Winter Cabbage. ✱

This variety originated with one of the largest Cabbage seed growers of Long Island, whose name it bears, and we recommend it for the following points: The heads are particularly large in proportion to the plant, which is a strong grower, but does not spread out much. The stalk is rather short and color is a rich green; it is one of the best keepers and comes out in the Spring bright and fresh. It is more uniform and heads better than other late varieties and is a little earlier than the Flat Dutch varieties. Our seed is grown by the originator and will produce Cabbage of the highest type that can be obtained from this new sort.

PRICE: Per lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.



LUPTON CABBAGE.

Leafless Forcing Radish.

The extra early forcing Radishes lately introduced are remarkable for the small size of their leaves; they develop their roots in so short a time that the latter are practically in advance of the leaves. The character is still more noticeable in this new variety which, for that reason, we have called it "Leafless" and, in fact, the seed cotyledons, which assume a great development from the start, are the only green parts to be seen on the plants until the bulbs are almost large enough for pulling. Only at that time one or two short leaves are produced; they are rough, deeply crimped. A very early and quite distinct variety, of beautiful bright color. Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

NEW WATER CRESS

Improved Broad-Leaved.

A decided improvement on the old, well-known and highly esteemed Water Cress. Its leaves are considerably larger, it is more productive and of better quality, being very tender and of a very pleasant flavor. Much better suited for garnishing than the old sort which it will undoubtedly supersede, being superior to it in all respects.

Pkt., 10c.; 3 pkts., 25c.; ¼ oz., 50c.

Half Long Black Winter Radish

An American sort of the same general character as the Long Black Spanish, but by many considered superior to either the Round or the Long Black Spanish. It is intermediate in shape between the two and seems to combine the good qualities of both.

Pkt., 5c.; oz., 10c.; 2 ozs., 15c.; ¼ lb., 25c.; lb., 75c.

The Early Arlington Beet

The Earliest Beet Known.

This is by far the best early market Beet we have. It is very early, of fine Turnip shape, smooth with small tap-root, foliage small and dark red; flesh deep blood-red and of very fine flavor. Compared with Crosby's Egyptian it is fully as early, of better shape and color and of better appearance. A very large local grower shipped June 11th, the first lot to the Chicago market last year (from seed sown in April.) It is the best for bunching and to ship in barrels. Our seed of this is American grown from the most perfect roots only. It is the most desirable sort for the gardener and for the home garden.

PRICE: Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c. postpaid. By express, 5 lbs., \$3.00.

One packet each, Triumph Radish, Australian Brown Onion, Arlington Beet, and Leafless Forcing Radish, for 25c.



EXTRA EARLY LONG-KEEPING

AUSTRALIAN BROWN ONION.

Is of medium size, wonderfully hard and solid, and most attractive for market, both as to form and appearance. The illustration was engraved from a photograph. They are extremely early in ripening, and never make any stiff-necks or scallions. Every seed seems to produce a good-sized onion, and the bulb begins to form very quickly.—when the plant is not over three inches high. Planted with the Red Wethersfield, it proved to be nearly four weeks earlier and ripened off more uniformly. It has the reputation of keeping indefinitely, and we think from its firmness and hardness that it will keep in good condition longer than any other Onion known. The color of the skin is a clear amber-brown. So widely contrasted from any other Onion is this color that it will be noticed on the market, and when once bought, purchasers will be likely to return and call again for "those beautiful brown onions."

Pkt., 10c.; oz., 20c.; 2 ozs., 30c.; ¼ lb., 50c.; lb., \$1.75, postpaid.



NEW RADISH TRIUMPH.

This novelty is both unique and useful. It is very early, being a "Twenty Day" Radish, of globular form and its tops are very short, which makes it valuable for cultivation under glass. The flesh is very crisp and solid and of mild flavor. Its most distinctive feature, however, is the unique color of the skin. The ground color is pure white, striped horizontally with bright scarlet. It is a most attractive ornament for the table and market gardeners will find ready sale for it. Some of the roots may come in solid color, the strain not being quite "fixed" yet.

Pkts., 10c.; 3 pkts., 25c.

VAUGHAN'S VEGETABLE SEED NOVELTIES AND SPECIALTIES FOR 1899

"EARLY SPRING" CABBAGE.

Nearly as Early as the Wakefield and One-Third More Productive.

This now famous Extra Early French Cabbage (sent out under the above name) has been grown by a number of the progressive gardeners around Chicago, and it has given entire satisfaction. It is of the type of the Early "Allhead," resembling it in habit of growth, but is smaller and is nearly as early as the Wakefield. The heads have few outside leaves and these are small and grow so close to the head that they can be planted very close together. It is round in shape, slightly flattened, very solid, even before the Cabbages attain their mature size. On account of its shape, productiveness and solidity, and following the Wakefield so closely, it becomes one of the most profitable early sorts. Market Gardeners cannot afford to be without this as it is a good "seller," round Cabbages receiving always the preference if offered in competition with pointed heads.

Price, per lb., \$4.00; per ¼ lb., \$1.30; oz., 40c.; ½ oz., 25c.; pkt., 10c.

EVANS' TRIUMPH CELERY.

One of the Best Late Sorts.

Of excellent quality and one of the best keepers, remaining in condition much longer than most sorts. Its stalks are very large, solid, of finest texture and quality; crisp and tender and real nut-like flavor. Lb., \$3.00; ¼ lb., 85c.; 2 ozs., 50c.; oz., 30c.; pkt., 5c.

New Early Evergreen Sweet Corn.

Identical in flavor, shape and size of kernel with the Stowell's Evergreen, but about 10 days earlier. The ears grow about 7 inches long, are mostly twelve-rowed and remain evergreen a remarkable long time. It is a splendid sort for truckers and private gardeners, as it furnishes a succession to the second early sorts.

Pkt., 10c.; pint, 20c.; quart, 35c., postpaid. By express, pint, 15c.; quart, 25c.; 4 qts., 60c.; peck, \$1.00.



EARLY SPRING CABBAGE.

COLUMBUS MARKET SUGAR CORN.

As early as Pee and Kay, Crosby's and other second early sorts, but twice as large. Ears 9 inches long are common with this sort. The cob is small and easily broken from the stalk. The ears average 16 rows of large, deep, white and very sweet grains which are equal to the best Sweet Corn in flavor and tenderness. It is a splendid sort for the home garden as well as the market. Planted with our Mammoth White Cory it will be ready right after this kind. Pkt., 10c.; pint, 20c.; quart, 35c., postpaid. By express, pint, 15c.; quart, 25c.; ½ peck, 65c.; peck, \$1.10; bushel, \$4.00.



NEW LETTUCE, "All Seasons."

Without a doubt this is one of the best, All-Head Lettuces. It forms a very large, solid head, almost as large as a Flat Dutch Cabbage; the flavor is excellent; the inner leaves very tender; slow to go seed. The heads are of enormous size, very handsome; the leaves a beautiful light green; a very profitable sort for market gardeners. For early or late sowing. Pkt., 10c.; ½ oz., 15c.; oz., 25c.

California Cream Butter Lettuce.

This is one of the best of the Summer varieties of Head Lettuce. The heads are of good size and are so very solid they often have to be cut before the seed stalk can appear. Center cream yellow, leaves of the head are enclosed with outer ones marked with small, brown spots. They are crisp, have a rich, buttery flavor and are an ornament to the table. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

Celery, The Schumacher.

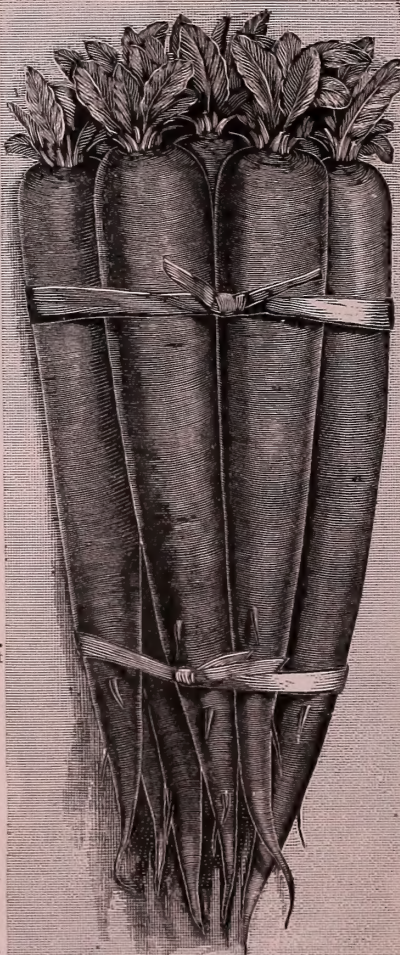
It is of immense size, very solid and crisp, with light green foliage, and golden-yellow solid heart. But its finest feature is that it will keep in splendid condition all through the winter and into the spring. We have no hesitation in heartily recommending it to all.

Lb., \$3.00; ¼ lb., 85c.; oz., 30c.; pkt., 5c.

ENGLISH FRAME CUCUMBER.

CARTER'S "MODEL."

This is one of the best of the English Cucumbers for greenhouse culture. Grows to immense size, straight, smooth and is of excellent quality. We offer introducers' seed. Pkt. (25 seeds), 25c.; 3 pkts., for 65c.



The Cincinnati Market Radish.

The tops of this new Radish are very small and may stand much closer in the rows than Wood's Early Frame or Long Scarlet, without danger of running to seed. They grow straight and smooth and from 6 to 7 inches long. The flesh is very tender, crisp and delicious, never becoming pithy or hollow. The skin is very thin and is of an attractive, bright scarlet color. Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



Improved Yellow Top Onion Sets.

A vast improvement on the ordinary Top Sets, being larger and much more prolific. They are of excellent quality and splendid keepers. One of our customers in Wisconsin who has grown the genuine old-fashioned, yellow top sets for many years, observed a tendency in them to variation, or sporting, and acting on this he had made careful selection of the best. These are of handsome color, good shape, large, good keepers, retaining their plumpness through the season and produce quickly young Onions of fine flavor which if allowed to grow on, mature a handsome yellow Onion of best table quality. We know of no better general purpose variety of this class for the home garden. Bush., \$3.25; peck, 90c.; ½ peck, 55c., by express, at buyer's expense. By mail, postpaid, quart, 30c.; pint, 20c.

"HONOR BRIGHT" TOMATO.—Different from all other Tomatoes. The longest keeper, hence a good shipper; fruits large, smooth and of excellent quality. Fruit changes from light green to white, then to lemon and finally to a handsome red.

Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

GIANT COMET ASTERS...



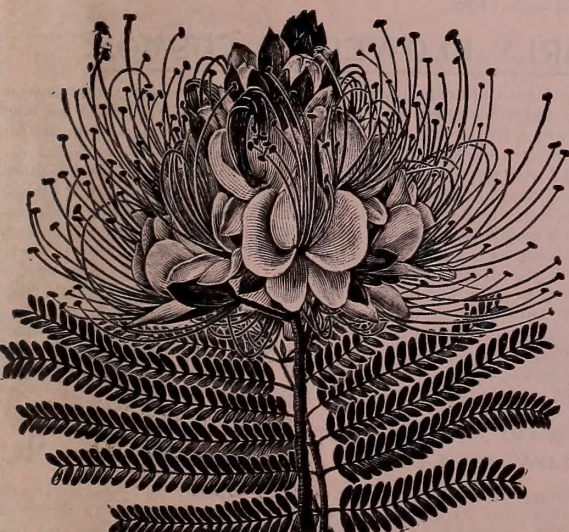
GIANT COMET ASTER.

"Vaughan's Special" Mixtures of Tall and Dwarf Asters contain the cream of the Aster family, see Aster pages.

Bird of Paradise.

(Poinciana Gillesi.)

The flowers of this rare plant are of a rich golden yellow, measure two and one-half inches across, and are produced in very large trusses. The most attractive part of the flower is the large pistils, which are spread out in fan-like form, and are of a beautiful, bright crimson color. The foliage is highly decorative, similar to a very delicate Acacia. If the seed is started early, it will produce a profusion of blooms the first year. Pkt. (10 seeds), 10c.



BIRD OF PARADISE.



Vaughan's Carnations.

This is a mixture of the best strains of Giant Margaret, Malmaison and Everblooming Chabaud Carnations, including the latest selections of yellow types. The plants will bloom the first summer and will produce many flowers that are equal to the best florists' carnations. Such a mixture cannot be had elsewhere. Pkt. (200 seeds), 25c.; 3 pkts. for 60c.

CLEMATIS COCCINEA HYBRIDA.

A cross between C. Coccinea and Jackmani varieties, retaining the shape of the flower of Coccinea to a certain extent, but larger. In color they range from pure white to the deepest scarlet, passing through all tones of violet, blue and pink. Our mixture is extra choice. Pkt. (25 seeds), 25c.



Vaughan's Mixture of New Cannas.

This is a mixture of the following new varieties: Francois Gos, orange; Mlle. Berat, pink; Secretary Chabanne, salmon-rose; Yellow Crozy, yellow; Triumph, scarlet; Chicago, vermilion-scarlet; Inglewood, bronze-leaved; Dwarf Florence Vaughan, yellow, spotted scarlet; Beaute Poitevine, blood-red; Leonard Vaughan, bronze-leaved, and 5 other choice new sorts. Our packages contain one seed of each the above kinds and grand results may confidently be expected from this seed. Pkt. (15 seeds), 15c.; 2 for 25c.

New Large-Flowering Browallia.

Browallia Speciosa Major.

This new sort is without a doubt the most beautiful of all the Browallias. The plants grow only about a foot high, form dense little bushes, which are covered with an abundance of the most delightful sky-blue flowers, much larger than those of the other varieties. For beds, borders or pots there is hardly another plant with blue flowers that compares with it.

Pkt. (150 seeds), 15c.; 2 pkts. for 25c.

CANNA SEED

Should be cut (at one of the points) about one-eighth inch and then soaked in warm or hot water for 24 hours. If treated this way and sown in January or February (in the house) blooming plants may be had in June.

VAUGHAN'S FLOWER SEED NOVELTIES AND SPECIALTIES FOR 1899



Vaughan's
International Pansies.

"Vaughan's Special"
Mixtures of
Nasturtiums.

There are no better
mixtures to be had at
any price as thousands
of our customers know

NEW GIANT
WHITE
CENTAUREA.

SPECIAL OFFER No. 101.—One packet each, Giant Centaurea, Early Flowering Cosmos and Snow Queen Pink, for 25c.



NEW GIANT WHITE CENTAUREA.

CENTAUREA AMERICANA ALBA.

This native annual flower is also known as the Star Thistle. It is showy when in bloom and a free and hardy plant, native to Arkansas, Missouri and Texas. Although an annual it grows to a large size in the one season, and the immense heads of double, fluffy blooms are quite as showy in flower borders as paeonies or hollyhocks. The color is almost pure white.

The stems shoot up from one to three feet, sturdy and strong, branching near the ends and every branch bearing a bloom.

It is an excellent plant for cut flowers, the flower lasting several days when cut and the stalks being long and wiry.

Mr. E. Haentze, the leading florist of Fond du Lac, Wis., wrote us:—I consider it a very handsome and beautiful novelty which will be to your credit. The flowers are excellent material for cut and design work, and they commence to bloom before the Asters, lasting until late in fall."

Pkt. (50 seeds), 10c.; 3 pkts. for 25c.



SNOW QUEEN PINK.

This is an extra fine selection of the large-flowering double white Japan Pink, the very best strain we have ever seen. The flowers are extremely large, often three inches in diameter and resemble a white carnation. They are produced in great abundance and are borne on long stiff stems, which combined with their lasting qualities, render them one of the prettiest of white cut flowers. Our illustration is a reproduction from a photograph showing a flower in natural size. Pkt. (150 seeds,) 10c.

EARLY FLOWERING COSMOS.

Grace, daintiness and brilliancy are the characteristics of this pretty flower, with its yellow heart encircled with broad, daisy-like petals, carried on long slender stems which rise from a cloud of feathery foliage. It is very pretty for vases and lasts often a week in the house when cut. A couple of years ago the Cosmos bloomed with the Chrysanthemum, and being rather more tender, often died an untimely death by frost just at its first blossoming, so that it was almost useless to plant it in Northern sections, but since this **Early Flowering** strain has been produced it may now be had in bloom from July to November. It is such a strong, vigorous grower and its fine fringe-like foliage is such a pretty background for its lovely spreading flowers of white, pink, crimson or rosy purple that it can hardly be spared from any garden. It grows with the greatest freedom in any soil, but repays right royally the best care you can give it. It grows so fast you can almost see it and blooms with the greatest freedom. The plants should be set about three feet apart and supported by a strong stake, for they are easily bent by the wind. It is really one of the most satisfactory of annuals.

Price, pkt. (100 seeds), 10c.; 3 pkts. for 25c.; ½ oz., 40c.



DWARF, EARLY-
FLOWERING COSMOS

"Dawn."



Like the above this comes into flower early in summer and continues until frost. The flowers are large and of a beautiful white, with just a touch of delicate pink at the base of the petals. It is a decided, most attractive and useful novelty. Pkt. (120 seeds,) 10c.; 3 pkts. for 25c.

VAUGHAN'S FLOWER SEED NOVELTIES AND SPECIALTIES FOR 1899



NEW CLIMBING NASTURTIUM, MAD. GUNTHER'S HYBRIDS.

For richness and variety of colors these new hybrids have no equals among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self-colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. They are climbers and free and continuous bloomers. It is impossible to describe all the different colors, but some of the most striking are as follows: White, shaded carmine on the edges, with deep maroon throat; golden-yellow, shading brown on the edges; yellow, shaded and mottled with carmine; white, with red blotches; shrimp pink, with deep maroon throat; shrimp pink, self-color; rose; bright yellow; orange, etc., etc. It contains a great many colors that are not found in any other mixture. Price, large pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb., \$1.35, postpaid.

NEW NASTURTIUM, "CHAMELEON."

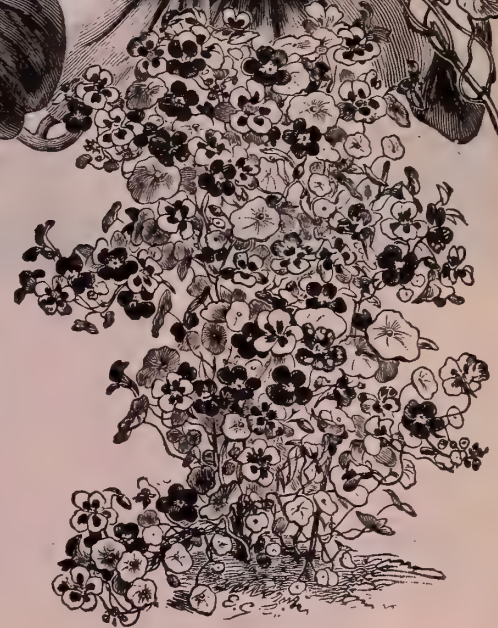
This new Nasturtium is a most remarkable advance in this brilliant family. We find that in richness and variety of colors it surpasses any other strain, and is also unique in bearing flowers of quite distinct colorings on one and the same plant—some clear, deep crimson, others blotched on light ground and others beautifully mottled. This characteristic, as well as the wonderful richness of the unusual markings, has been fixed in both the tall and dwarf forms, and we recommend both strains heartily to every grower of even the smallest garden.

TALL CHAMELEON.—743a This variety, with its very large, rich flowers in the greatest variety, is unsurpassed for training over fences and trellises, and blooms with the greatest freedom the entire season. Pkt., 10c.; oz., 25c.; 2 ozs., 45c.; $\frac{1}{4}$ lb., 80c.

DWARF CHAMELEON.—743 This strain is remarkably dwarf and as a border or bedding plant has as distinct a place as its taller sister. Its flowers, though, of course, not as large as those of the tall variety, are even more intense in color, are carried well above the foliage and sometimes almost hide it. The variation of color of course adds greatly to its interest. This is the most brilliant mixture of Nasturtiums we have ever seen; the colors and color combinations are simply magnificent.

Pkt., 10c.; oz., 30c.; 2 ozs., 55c.

Special Offer No. 180.—One pkt. each Tall and Dwarf "Chameleon" for 15c.; one oz. each for 40c.



TALL "CHAMELEON."



Vaughan's Special Mixture of ...CLIMBING NASTURTIUMS...

792 We call special attention to this mixture. In it will be found all the choicest colors of the tall Nasturtiums, the rich, velvety Lobbs varieties, the Canary Bird Creeper, the new hybrids of Mad. Gunther and the new Tall "Chameleon." It would take ten times the space we can devote to this article to describe the beauty of this strain. The color combinations in these flowers are simply superb, such a wealth of rich maroon, crimson, scarlet, magenta and claret shades, marbled and mottled, streaked, spotted and splashed with white, cream, pink and rose. The flowers are much larger than those of the old-fashioned kind, and in nearly all of them the petals overlap each other so as to make perfect flowers. These climbing Nasturtiums are admirably adapted for covering verandas, trellises and tree trunks, and by virtue of their long stems and the lasting quality of their flowers are most useful and handsome cut flowers for bouquets, vases, buttonholes, etc.

Price, per large pkt., 10c.; oz., 15c.; 2 ozs., 25c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.

Vaughan's Special Mixture ofDWARF NASTURTIUMS.....

761 Dwarf Nasturtiums are most admirably adapted to beds and borders in every garden. Their low, neat, even, bush-like growth, the abundance of their flowers in their endless variety of colors, their long season of bloom—from June until late in the Fall—and the little care that they require make them really the "busy man's flower." "Vaughan's Special Mixture of Dwarf Nasturtiums" will give a larger variety of colors in even proportions than any other Nasturtium Mixture, for it is put up by ourselves from named sorts, and also contains a large share of the new *Liliput Nasturtium* and of the *Dwarf Chameleon*, which is in the Dwarf Collection what the Mad. Gunther is in the Tall—the richest and most varied combination of colors ever produced, showing odd colors hitherto unknown among flowers.

Price per large pkt., 10c.; oz., 15c.; 2 ozs., 25c.; $\frac{1}{4}$ lb., 45c.; lb., \$1.50.



DWARF "CHAMELEON."

Special Offer No. 181.—One pkt. each Tall and Dwarf "Special" Mixture Nasturtium for 15c.; one ounce each for 25c.; $\frac{1}{4}$ pound each for 75c., all postpaid.

VAUGHAN'S FLOWER SEED NOVELTIES AND SPECIALTIES FOR 1899



NEW MAMMOTH ALLEGHENY HOLLYHOCK, SHOWING TYPE OF FLOWER.

VAUGHAN'S EARLY AND LATE FLOWERING.. FORGET-ME-NOT.

Who does not love a Forget-Me-Not with its dainty blue flowers, so pretty in bouquets and so lasting in water. There is but one disadvantage to their general cultivation, one that most people take exception to, and that lies in the fact that the prettiest varieties do not bloom until the second year unless they are started in the house right after Christmas. This is different with our early and late flowering sort, for it will bloom in six to eight weeks after sowing and will bring forth its lovely blossoms throughout the whole summer and fall and continue through the winter if taken up and potted. The flowers are borne on long, stiff stems, are of most exquisite sky-blue with a delicate white center, and they furnish the prettiest cut flowers one could wish. Forget-me-nots will, like other plants, respond to good treatment but they are satisfied with moisture and a somewhat shaded position. Price, pkt. (150 seeds), 10c.; 3 for 25c.

NEW TUFTED PANSIES.

For years these hardy, tufted Pansies have been grown in England, where they are most extensively used for borders, but they were always

propagated by cuttings. We have succeeded in securing a limited amount of seed. The plants grow in dense, compact little bushes, which are completely covered with their bright flowers from early spring until late in the fall. The colors range in all shades of white, pink, blue, yellow, violet and purple, as self colors or in combinations. It is a decorative plant of the highest order, and we feel sure it will soon be as universally grown in this country as it has been for years in England.

Pkt. (150 seeds), 10c.; 3 pkts. for 25c.

The Tobacco Plant from the Andes.

Nicotiana Sylvestris.

An exceedingly handsome plant, strictly new, just discovered in the Andes. The plants grow from four to six feet high, are well branched; the foliage is very large and ornamental. The flowers are snow-white, 4 inches long and very fragrant. Mr. Burbank, the well-known horticulturist writes us:—"I am very much pleased with it."

Pkt. (350 seeds), 10c.; 3 pkts. for 25c.

New Escholtzia "The Golden West."

The flowers of this grand new variety measure from three to six inches in diameter, they have very large, overlapping petals, often daintily waved at the edges. They are of various forms, some flat, some cup-shaped, others very deep with flaring edges. They are of a light canary-yellow color with an orange blotch at the base of the petals, which blotch often suffuses almost the whole flower. They are decidedly beautiful.

Price, large pkt., 10c.; 3 pkts. for 25c.

New Ever-Blooming Allegheny Hollyhocks.

Blooms the First Year from Seed. A New Type of Hollyhocks.

This grand new flower is a decided improvement in more than one particular over the old-fashioned variety. Its first point of merit is the fine transparent fringed Chrysanthemum-shaped flowers; which look as though they were made up of crushed silk; so fine are these flowers in texture that one would never suspect they were related to the old-style hollyhock.

One has to see this plant in bloom to appreciate its clear, transparent colors, which make a row shine with rainbow effect. We advise everybody who has a garden no matter how large or small to sow a packet of seed of this beautiful plant.

The "ALLEGHENY" is a *perpetual bloomer*, as it has from two to four buds at base of each leaf where the old style has only one. All of these buds develop into flowers in rotation, the largest buds first, then the smaller ones, and so on until they have all opened up to beautiful flowers. This is the greatest novelty among flowers for years. The great height of the column, like pyramidal spikes, thickly studded with flowers, adds materially to the decorative value, and unless one has seen this new plant in front of a porch one would never suspect the ornamental possibilities of the ALLEGHENY. If watered well they grow wonderfully high, if watered scantily or not at all they grow to a less height. As cut-flowers they are immense. A plate filled with these flowers is a handsome thing to look at, and as flowers to wear they are wonderfully lasting. The colors are shell pink, rose and ruby red, a shade or two deeper at the center, and exquisitely tinted towards the edge. The flowers do not, as on the other double Hollyhocks, rot on the stems, but drop as soon as they fade. The illustration gives an idea of these flowers, but does not nearly do them justice, as the fine, graceful appearance and peerless shading cannot be reproduced; such colors are found only in silks.

Extra selected seed, per pkt. (60 seeds), 10c.; 3 for 25c.



TUFTED PANSY.



VAUGHAN'S EARLY AND LATE FLOWERING FORGET-ME-NOT.



NICOTIANA SYLVESTRIS.

New Sweet Peas.

1100. **Chancellor.** Standards bright orange, wings a little lighter, an intense glowing color; flowers of good form and substance, large on long, stout stems. Pkt., 10c.; oz., 15c.

1101. **Columbia.** A tri-colored variety; standards crimson striped on white ground, wings pale mauve on white ground. Flowers of medium size, free-flowering; very odd and attractive. Pkt., 10c.; oz., 15c.

1102. **Coronet.** A large, handsome flower, with rich, bright orange stripes and flakings on a white ground. Pkt., 5c.; oz., 10c.

1103. **Countess of Powis.** Glowing orange, suffused with light purple, with a beautiful satin polish; a very lovely variety. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.50.

1104. **Countess of Shrewsbury.** Color a blending of pink and purple, difficult to describe; wings pink suffused with lilac; a strong grower and very abundant bloomer. Pkt., 5c.; oz., 10c.

1105. **Creole.** A very attractive flower with its delicate pinkish lavender shadings on its standards; wings pure mauve. Pkt., 5c.; oz., 10c.

1106. **Lady Mary Currie.**—This is the brightest colored of all Sweet Peas. Color, deep orange-pink, delicately shaded rosy-lilac. We predict a great future for this variety. It was awarded three first class certificates in England in 1897. Pkt., 10c.; oz., 20c.; ¼ lb., 70c.; lb., \$2.50.

1107. **Lady Nina Balfour.** One of the best and loveliest of the set of new Sweet Peas. It is the most delicate mauve imaginable, beautifully shaded with dove-gray. The flowers are of exquisite shape. It is the largest of the mauve varieties. Pkt., 15c.; oz., 25c.

1108. **Lottie Hutchins.** Daintily flaked with pink on a cream ground; a very rich and lovely effect. The flowers are of fine form, large and are borne on heavy stems. Pkt., 10c.; oz., 15c.

1109. **Modesty.** Flowers large, of perfect form, on unusually long stems. Color, the most delicate pink in existence. Pkt., 10c.; oz., 20c.

1110. **Oriental.** An improvement on Lady Penzance, being of much brighter and richer color, a rich orange. Flowers of largest size and best substance. Pkt., 10c.; oz., 20c.

1111. **Prince Edward of York.** One of the largest of the new sorts. The expanded standards are of a lovely shade of scarlet and the wings of the deepest rose color. A very attractive and handsome sort. Pkt., 10c.; oz., 15c.; ¼ lb., 50c.

Special Offer No. 140. One pkt. each of the above 17 Sweet Peas, for \$1.00. (retail price, \$1.35.)

Ten
Of The
Best
New Peas.

Lady Nina Balfour, the most delicate mauve.
Salopian, richest deep crimson-scarlet.
Shahzada, deepest maroon.
Stella Morse, the most delicate primrose, tinted pink.
Triumph, bright orange pink, largest size.

Special Offer No. 142. Ten packets, one each of above new Sweet Peas, for 50c., regular price, 75c.

Our
packets
contain
75 seeds
and
over.



THE BRIDE.

1112. **Queen Victoria.** Color soft yellow, overlaid with faint purple. An exquisitely lovely flower of large size and finely expanded. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

1113. **Royal Rose.** A beautiful, large, almost self-colored flower. Color, rich rosy pink, barred on standard with deeper rose. Bears three or four flowers on long, stout stems. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

1114. **Salopian.** Color deep crimson tinged scarlet, suffused with rich orange scarlet. One of the best and most desirable of recent introductions. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.45.

1115. **Stella Morse.** This is unquestionable one of the loveliest of all Sweet Peas. The flowers are of largest size, faultless form, grow on long stems, with three or four flowers to the stem. Color, a lovely shade of deep cream which grows a little lighter as the flowers grows older, turning into the most delicate primrose with a faint rose-pink. It was the most pleasing and graceful of all the new sorts in our trials the past summer. Pkt., 10c.; oz., 20c.; ¼ lb., 70c.

1116. **Triumph.** Color, a most exquisite bright orange-pink, wings spreading, shaded with pale rose. A most perfect flower of enormous size and nearly circular. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.; lb., \$1.75.

Special Offer No. 141. All the above new Sweet Peas in even mixture, per ounce, 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb. \$1.60, postpaid.

Lady Mary Currie, bright orange-pink, shaded rosy-lilac.
Lottie Hutchins, daintily flaked with pink or cream ground.
The Bride, the best and most graceful of all whites.
Prince Edward of York, scarlet and deep rose.
Royal Rose, beautiful rose color, extra large.

Special Offer No. 143. Ten ounces, one each of above new Sweet Peas, for \$1.00, regular price, \$1.60.

Vaughan's Selection of The Best Sweet Peas.

WHITE. 1117. **The Bride.** (Our '97 introduction.) The especial merit of this variety is in its length, strength and grace of flower stem, and the disposition of the blooms thereon, being one of our best sorts in these respects, and forming an exceedingly graceful bunch. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.25.

PINK. 1118. **Prima Donna.** Flower extra large, of perfect hooded form. Color, clear rose pink; stems three and four-flowered. One of the most delicate and pleasing kinds. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

ROSE. 1119. **Her Majesty.** A large flower of clear rose pink, shaded crimson; stems long and stout, three and four-flowered. Of uniform and vigorous growth and a free bloomer. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

YELLOW. 1120. **Golden Gleam.** This is the best of the yellow Sweet Peas; the flowers are of ideal grandiflora type, very graceful and of pronounced primrose tint. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50.

SCARLET. 1121. **Brilliant.** The color is a rich, brilliant scarlet; flowers are of good size, are borne three on a stem and retain their color in the hot sun. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.45.

CRIMSON. 1114. **Salopian.** For description see above, under "Novelties." Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.45.

BLUE. 1122. **Captain of the Blues.** (Or Grand Blue.) This comes nearer to a true blue Sweet Pea than any other kind in commerce now. It is a large-flowering sort, a very vigorous grower and free bloomer. Pkt., 5c.; oz., 10c.; ¼ lb., 35c.; lb., \$1.10.

No. 144. Special Offer. One large pkt. each of the above fifteen "BEST" Sweet Peas, for 50c. net, (retail price, 80c.)

1130. **VAUGHAN'S "BEST" MIXTURE OF SWEET PEAS.**

Peas, in the proper proportion of colors, per pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50, postpaid.

LAVENDER. 1123. **The New Countess.** Both wings and standard are of pure light lavender. Flowers of largest size and best form. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.10.

DEEP MAROON. 1124. **Shahzada.** Very distinct, being of strong purplish maroon, wings velvety indigo purple. Of large size, stems extra long, usually three-flowered. Pkt., 5c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50.

FLAKED AND CLOUDED. 1113. **Royal Rose.** For description see "Novelties" above. Pkt., 5c.; oz., 15c.; ¼ lb., 50c.

ORANGE PINK. 1106. **Lady Mary Currie.** See "Novelties" above. Pkt., 10c.; oz., 20c.; ¼ lb., 70c.; lb., \$2.50.

EDGED with LAVENDER. 1125. **Maid of Honor.** A finely shaped flower of hooded form. Color, white edged and suffused with lavender; it really is an Improved "Butterfly." Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.10.

PINK and WHITE. 1126. **Little Dorrit.** Standards large, and expanded; color, beautiful pink, wings white. A good bloomer, stems long, usually three-flowered and set well apart. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

FLAKED. 1127. **Aurora.** Flowers extra large; both standards and wings are flaked and striped orange-salmon on white ground. One of the best of the striped sorts. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 85c.

CRIMSON and WHITE. 1128. **America.** Its color is a white ground and through the center of the standard is a wide crimson-scarlet bar, veined with fine scarlet lines toward the edges of the standards. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 60c.

No. 145. Special Offer. Fifteen ounces, one each of above fifteen "BEST" Sweet Peas (enough to sow 100 feet of row) for \$1.25, net, (retail price, \$1.85.)

This mixture is prepared from the above 15 "BEST" Sweet Peas, in the proper proportion of colors, per pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.50, postpaid.

VAUGHAN'S FLOWER SEED NOVELTIES AND SPECIALTIES FOR 1899

Primula Obconica Grandiflora Fimbriata.—This is a great improvement on the Obconica. Flowers are borne in the same profusion as on Obconica Grandiflora. The stalks are stiff, the flower heads large and well formed, while the single flowers are arranged like those of the Chinese Primula. Pkt., 25c.

Primula Obconica Grandiflora Rosea.—Flowers as large as those of the Grandiflora but the color is a beautiful clear pink, which is a great improvement over the former, since that mixture contains a number of washed-out colors. It comes almost true from seed. Pkt., 25c.

Primula Obconica Grandiflora Alba.—The well-formed, large flowers of this variety are borne in large clusters, and are of purest white with a yellow eye. For cut and pot culture this will soon be a general favorite. Comes true from seed. Pkt. (200 seeds), 25c.; 3 pkts. for 70c.

Improved Single, or Marguerite Asters.



MAMMOTH-FLOWERED HELIOTROPE.

Blooms from seed the first year, and as early as Sweet Peas or Balsams.

Heliotropes will bloom as easily from seed as any of the common annuals. Sow the seed in the open ground about the first of May, and the handsome bushes will furnish cut-flowers all Summer and Fall. Our packets contain over 100 seeds and include the very best sorts. Pkt., 10c.; 3 for 25c.



**NEW EMPEROR
SALPIGLOSSIS.**

Ease of culture is the first quality that commends the Salpiglossis to all amateur gardeners. It thrives in any good garden soil and in almost any situation, though like other flowers it responds readily to good treatment. This New Emperor strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veining of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt. (250 seeds), 16c.

The plants are about 18 inches high, are vigorous growers and bear on long, wiry stems an abundance of flowers 3 to 4 inches in diameter, resembling Ox-Eyed Daisies. The pink and lavender sorts are particularly handsome.

SINGLE ASTERS

White, Pink, Lavender, Dark Blue and Crimson, Each, per pkt., 10c., or 1 pkt. each of the 5, 25c.

SINGLE ASTERS,

Mixed.—Pkt., 5c.; ¼ oz., 25c.

NEW MIGNONETTE

"SILVER WHITE."

It has been the endeavor of every seed grower to produce a pure White Mignonette, that has large flowers and is sweet-scented. In this we have the best White Mignonette to date which possesses the above qualities. From 60 to 70 per cent of the plants will come true. Pkt., 20c.



Vaughan's New Upright White Branching Aster.

In habit of growth this new Aster resembles the Truffaut Pæony-flowered type, but the plants grow from 10 to 12 inches taller. The flowers are large, very double, pure white, and of the true "Semple" type. The plants grow about 30 inches high, and produce from twenty to twenty-five flowers, which are borne on stems from 20 to 24 inches long. Its upright habit admits of close planting and it will attain full growth when set only 15 or 16 inches apart. The growing of many plants in a small space is a decided advantage when room is scarce. Per large pkt. 25c.

Aster, White Ostrich Plume.—This is a selection from the Giant Comet Aster. The flowers are much more perfect, the petals are longer and more twisted, and the flowers are 5 inches in diameter. A splendid sort for cutting; blooms much earlier than the White Branching Aster. Pkt., 25c.; ¼ oz., 35c.

New Sweet Pea, "GORGEOUS."

A great improvement over Meteor, the flowers being large, and much richer in coloring. The flowers are borne erect, are well expanded and of rich orange-salmon, deepening in the veins. Pkt. (30 seeds), 10c.

New Sweet Pea, "PINK FRIAR."

A beautiful marbled rose-pink on a white ground, giving the flower a very light, soft pink effect. Of very large size and beautiful hooded form. It is in reality a pink "Gray Friar" but the flowers are larger. Pkt. (30 seeds), 10c.

New Sweet Pea, "NAVY BLUE."

An entirely distinct color from any variety in existence. The general effect is dark blue. A vigorous grower, flowers of good form, fair size and extraordinary substance. Pkt. (12 seeds), 25c.; 5 pkts., \$1.00.

NEW HYBRID ZINNIAS.

Zinnia Mexicana Hybrida.

These new hybrids, obtained by crossing the double Mexican Zinnia with the double Darwin sorts produce flowers of the size of a large Daisy. They are single, semi-double and double, and the colors are in the most unique, pleasing and numerous variations. In it are found shades peculiar to the Marigold, the Gaillardias and Chrysanthemums. They are extremely pretty, very free-flowering, elegant plants that will please everybody. Pkt., 15c.; 2 pkts. for 25c.



NEW HYBRID ZINNIAS.



CHENILLE PLANT

CHENILLE PLANT.—(*Acalypha Sanderi*.)

This is the most distinct and striking ornamental plant introduced in many years. It is a native of the South Sea Islands, and may well be called a forerunner of the rare and beautiful tropical plants from our new possessions in the Philippines. It is of easy and rapid growth and blooms continuously. The plant is of branching habit, healthy foliage and the flowers are most remarkable. The flower spikes, which appear in pairs from the axils of the leaves, grow from two to three feet in length. They are of bright crimson color, drooping and mixing among the green foliage with charming effect. It will be extensively used as a pot and window plant everywhere. For bright and curious effect it has no equal. Wherever the plant has been exhibited in this country and in Europe it has attracted universal attention and admiration. It has received silver and gold medals and premium certificates at the Flower Shows this Autumn. Our illustration is a very truthful one, representing the plants as shown by us at the Flower Show, November, 1898. We offer strong, well-rooted plants of our own growing, mostly showing the flower spikes.

FIRST SIZE:—From 2½-inch pots, at 50 cents; 3 for \$1.25, postpaid.

EXTRA SIZE:—From 3½-inch pots, \$1.00 each, postpaid.

MINNEAPOLIS VINE.

(*Pilogyne Suavis*.)

If we call this one of the most satisfactory climbers we are not saying one iota too much. It is the quickest, densest, neatest, hardiest climber we know of. The vines grow with marvelous rapidity, several inches every day and are of the most graceful appearance. The leaves resemble those of the Ivy in shape, are a little rough, like a Melon leaf and are produced in thousands on a single plant. The flowers are small, white and emit the most pleasing musk scent. We have never seen the plants attacked by any kind of insects and they will remain green and continue to flourish until late in the Fall. A single plant will easily cover a space eight feet wide by ten or fifteen feet high. They do well in the shade or sunshine and grow in any soil.

Each, 15c.; 3 for 40c., postpaid.

SPECIAL OFFER No. 318.—1 Climbing Lily of the Valley and 1 Minneapolis Vine for 25c., postpaid.

Hardy Climbing Lily of the Valley

(*Withania Origaniifolia*.)

A new perennial, perfectly hardy in England. Its herbaceous, slender, diffusely branched stems are annual and attain in a few months twenty to thirty feet in height, covering a large surface. The small, dense, dark green foliage, which defies dust, disease and insects, produces a thick, impenetrable shade; persistent until frost. It is enhanced by thousands of white flowers, similar to those of the Lily of the Valley. It succeeds as well in the smoky atmosphere of a city as in the country and will be most welcomed, thriving admirably where most other climbers fail. It is of the easiest culture, and its perennial roots, when established, may remain indefinitely in the same place, care being taken to remove the vines when destroyed by frost and to cover the roots with old leaves or straw. 15c.; 3 for 40c., postpaid.

TWO NEW NASTURTIUMS.

VARIEGATED CLIMBING NASTURTIUM

There is no plant with which we are acquainted so prettily and distinctly marked as this, or one which holds its variegation so well under all conditions. The foliage is green, irregularly marked with soft, creamy white; the flowers are a bright orange-scarlet and the contrast between them is very striking.

Each, 25c.; 3 for 60c.; or 1 each for 40c.

PHOEBE.

A most attractive and deliciously scented variety; flowers deep, golden yellow, with a rich crimson feathered blotch in each segment; outer edge notched or scalloped, the whole forming an exquisitely shaped blossom; free and vigorous grower. An acquisition as a trailer in the greenhouse in Spring and outdoors during Summer over rockery and banks.

THE "NEW MARVIN" CRYSTAL CURRANT.

This new hybrid seedling, originated by D. S. Marvin, of Watertown, New York, has been in our possession for some four years. The plant is a very strong grower, forming almost a tree-shaped habit with slight trimming. It is exceedingly prolific, bearing fully two to one against the well-known Cherry Currant. The berries contain only one-half as many seeds as other varieties of Currants. In flavor it is moderately sweet and free from the sharp sourness of many red varieties. So far the plants have been entirely free from insect ravages.

PRICES:	2-year-old plants.....	Each.	Doz.	Per 100.	} Prepaid.
	1-year-old plants.....	\$0.50	\$5.00	\$30.00	
		.35	3.50	20.00	

Messrs. Albertson & Hobbs, Bridgeport, Ind., wrote: "In appearance it is very clear and we think one of the prettiest White Currants we have ever seen. Berry of good size, bunch fully up to average."

T. V. Munson & Co., Denison, Tex., write: "It is prolific, of good clusters and berries. The beauty of the translucent, pearly fruit is remarkable and the flavor is pure and good; should become popular."

Lee's Summit Star Nurseries, M. Butterfield, Prop., Lee's Summit, Mo.: "We are in receipt of the box of Currants. The specimens were in fine shape and excel any that we have ever seen. We will want some of the plants as soon as they are offered."

E. W. Reid, Bridgeport, Ohio, writes: "We think it is very fine indeed, and about as good a one as we have seen of that color."



ORNAMENTAL ASPARAGUS.

ASPARGUS SPRENGERI.

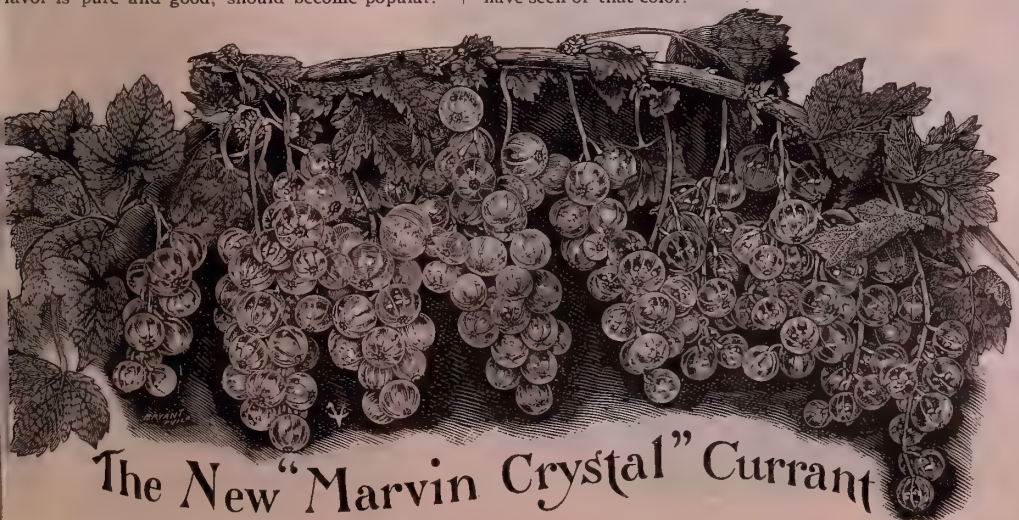
Perhaps the best known plant introduced in years. Especially useful to grow as a pot plant for decorative purposes or for planting in ferneries or suspended baskets. It grows freely the whole year round; as it withstands dry atmosphere it makes an excellent house plant. A vigorous grower, producing sprays four to five feet long of fresh, green, feathery foliage. Useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting. Strong plants, 20c.; 3 for 50c.

ASPARGUS PLUMIOSUS NANUS.

A beautiful climbing plant, with bright green, gracefully arched foliage, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. The fronds are twelve to fifteen inches in length and taper to a point from a width of twelve inches. One of the most beautiful decorative plants. Each, 20c.

Asparagus Tenuissimus.—Very fine, filmy foliage. A handsome climbing plant for the window or pots. Each, 15c.

One each of the three Asparagus Ferns for 50 cents, postpaid.



The New "Marvin Crystal" Currant

BEAUTIFUL

Weeping Lantana.

One of the few plants that cannot be too highly recommended.

The plant is of very rapid growth, and graceful drooping habit, with lovely dark green foliage, producing a cluster of flowers at each leaf. The flowers are a most delicate, clear, brilliant rosy lilac color, entirely distinct from any other flower we have ever seen. Indeed, we never grew a plant that attracted so much attention and gives such general satisfaction. To produce the best results, take an ordinary nail-keg, or any other large vessel that will hold from four to six gallons of soil. When planting press the soil firmly about the roots; water frequently after planting. To produce quick results, a half-dozen or more plants should be planted in the vessel, although a very pretty basket can be grown from a single plant. It is also a very valuable plant for mixing with other plants in vases, etc. We have grown an immense stock of this beautiful basket plant and offer it at prices that are within the reach of all. Ask your friends to order with you. Price, strong plants, each, 10c.; 3 for 25c.; 7 for 50c.; 15 for \$1.00, postpaid.



NEW SILVER-LEAVED GERANIUM,
WILLIAM LANGGUTH.

Four Grand New Geraniums.

Each, 35c.; the 4 for \$1.25.

**New Silver-Leaved Geranium,
William Langguth.**

Seldom does a novelty obtain notoriety so quickly as the William Langguth. The plant is of short stocky growth, beautiful deep green foliage with broad, pure snow-white band. Most free-flowering of all its class. Flowers, double, bright red, large, extra filled out blooms, rising from the white colored foliage quite magnificently. The visitors at our green-houses were all of the same opinion that this novelty was only to be praised.

VERA VEND.

Double. Plant of finest habit, large trusses; flowers semi-double, very open with large petals, the borders of which are rosy orange; large center, striped with white and delicately marbled and striped with rosy orange. One of the finest and most beautiful in the Aureole section and will be grown by all when known.

JEAN DIAND, (Bruant).

Admirable plant, of stocky growth, incessant bloomer; flowers of largest size, in immense trusses. Flowers are semi-double, very similar to those of Beaute Poitevine, but the exquisite fresh light rose tint is entirely different. The upper petals are marked with two beautiful white blotches, adding greatly to the freshness of coloring. It is a plant of the future. Its habit of growth, uninterrupted blooming and hardiness will attract attention at once and it will be grown in large quantities when better known.

MAD. BLANCHE JAMET.

Single. Large trusses carried high above the foliage by large and long peduncles; flowers very large, round, the largest and the roundest of the Aureole type, the shades and variety of colors are novel; the five petals are largely bordered with a beautiful, clear carmine violet, the center marbled and spotted with white. Very distinct and beautiful variety.

SAGE—Holt's Mammoth.

A vast improvement upon the ordinary garden Sage. The leaves are of immense size, always clean and perfect, and produced in a solid mass over the entire bush. Plant of strong, bushy habit, does not blossom except under unfavorable conditions and never seeds.

Each, 15c.; 3 for 25c.; 7 for 50c.; 15 plants for \$1.00, postpaid.

**The Boston Drooping Fern.**

(*Nephrolepis Bostoniensis*.)

Of which much has been heard during the past year; it is of the same form as the Sword Fern (*Nephrolepis Exaltata*), but has longer and broader fronds, and a more drooping habit. In well grown specimens the fronds attain a length of six to seven feet. A very fine plant for hanging pots or baskets; easy to grow. Each, 20c.; 3 for 50c. Large size, each, 50c.; 2 for 75c.

Nephrolepis Cordata Compacta.

A new dwarf, bushy growing variety, with stiff, narrow leaves; the fronds grow from one to two feet high nearly upright, and even in a small pot the plant is very attractive and cannot be excelled for ferneries or house plant. Each, 20c.; 3 for 50c.; large size, each, 40c.

Sword Fern. (*Nephrolepis Exaltata*.)

This is one of the best, producing long and graceful fronds, averaging from one to three feet in length. Hardy; grows rapidly when planted outside in shady borders. Each, 15c.; 3 for 40c. Large size, each, 40c.

SPECIAL OFFER No. 305.
One each of above three Sword Ferns for 50c., postpaid.

Crimson Spiraea, Anthony Waterer.

It outshoes all Spiraeas in brilliancy of color. A bright crimson. It is also much dwarfer and denser in growth; when scarcely three inches high it begins to bloom and thereafter is seldom out of flower. As a house plant nothing can equal it. In the garden it will make a plant three feet high and wide, and will be covered with flower heads six inches across. It is also perfectly hardy, and will stand the most severe winter with slight protection. Price, each, 15c.; 3 for 40c. 2 year old plants, each, 30c.; 2 for 50c. postpaid.

Lotus Peliorthynchus. (Coral Gem.)

A most charming plant, not well known in this country, but highly esteemed abroad. It is of slender branching habit, very graceful and with finely divided silvery foliage, causing it sometimes to be termed silvery asparagus. But its attractive foliage is not its only charm. It blooms freely, the flowers being bright coral red and measuring two inches or more in length. It is especially suitable for hanging baskets, etc., and thrives luxuriantly in the house. Each, 10c.; 3 for 25c.

SPECIAL OFFER No. 301.
One each, Weeping Lantana,
Boston Fern, Spiraea Anthony
Waterer for 35c., postpaid.



THE BOSTON DROOPING FERN.



SPIRAEA ANTHONY WATERER.



New Rose, CORONET

Sweetest, largest, and freest blooming Hybrid Tea Rose in cultivation.

It is a cross between that superb variety Paul Neyron, and Bon Silene, grand old favorites. Coronet, is a true ever-blooming Hybrid Tea, identical in form and size with Paul Neyron.

No description or illustration can do justice to the remarkable beauty and splendor of its flowers. They are grand in every way. From the time the plant is four inches high it blooms steadily, bearing in unbroken continuity, on good, stiff stems, magnificent large flowers that frequently measure from four to six inches in diameter. The form is full, deep and wonderfully double. It is full to the center and when entirely open the flowers do not look unlike Paonies. This resemblance is made all the more striking by the peculiar color which is absolutely unlike any Rose we know. In the bud the color is a deep, rich carmine, which, as the flowers open, lightens to a soft, clear pink, with each petal distinctly edged with silvery gray. The effect is beautiful. The fragrance is simply delicious. In flower and foliage it resembles Paul Neyron, while in vigor of growth the Bon Silene blood is shown. It is a strong, healthy grower, forming a compact bush. In the open ground, where it is hardy, it does splendidly, commencing early in the season and continuing until severe freezing weather; slight protection during Winter will be beneficial. Probably the most valuable and satisfactory Rose for general cultivation sent out for many years. Price, strong, healthy plants for blooming at once, each, 20c; 3 for 50c; 12 for \$1.75, postpaid by mail.

JEWEL. The Rose of many colors.

This Rose produces flowers which range in color from dark orange-yellow to crimson, variegated, blotched, mottled, etc. A plant in bloom very seldom shows two flowers alike. Some will be dark yellow; others, light yellow, buff, saffron, light and dark crimson, pink, blush, apricot, etc., while others will be variegated in a most beautiful manner. As may well be imagined, the sight which such a plant in bloom presents is a novel and beautiful one. It is a pure Tea Rose, the flower being large, delightfully fragrant, and in both bud and blossom exquisitely beautiful. Free grower and profuse bloomer, especially in open ground. Each, 20c; 3 for 50c.



CORONET.

New Hardy Rose, PRINCESS OF NAPLES.

A cross between Captain Christy and La France. The plants grow very solid and compact, and stronger than those of Captain Christy; have more spines and very dense, healthy, large, dark green foliage. It flowers very freely and easily, and keeps on flowering for a long time. The flowers are of good form; solid, but nevertheless of very loose, graceful appearance; color, delicate, satiny pink. The fragrance is excellent; better, stronger and more agreeable than that of La France. The whole plant is covered with flowers in the main flowering season. The fact that the plant grows so easily makes it especially suitable for early and late forcing and cut-flower purposes; also for pot plants and outdoor work. Each, 35c; 3 for \$1.00.

New Rose, PINK BEDDER.

Most profuse bloomer of its class. Perfectly hardy and a free grower. Should be in every collection. In color it may be described as a charming peach-blow pink, or rather pale rose madder, deepening towards the center, reminding one of a perfect Hermosa, although more double than the latter. The flower is medium size, very full, and beautifully cupped, and without exception, is the most profuse bloomer in our entire collection. In fact, either in the open ground or under glass, it is always a mass of flowers, from spring until early winter. Each, 25c; 3 for 60c.

New Rose, SWEET LITTLE QUEEN.

Plants extra strong and vigorous, with handsome sea-green foliage; the buds are long and when open, full and double. The outer petals are large, while those of the center are pointed like those of the Chrysanthemum or Cactus Dahlia, which lends a peculiar aspect to the flower. Very sweet and floriferous. An entirely new form and color among Roses. Excellent for forcing and out-door use. Each, 25c; 3 for 60c.

WHITE MAMAN COCHET.

A magnificent... Ever-blooming Tea Rose.

This is a superb variety and to see it in bloom one is lost to find words to express its wonderful beauty. It is identical with its parent, Maman Cochet (the queen of all pink garden Roses), except in color of the flower, which is snow-white, sometimes tinged with faintest suggestions of pale blush. It has the same freedom of bloom, magnificent form of buds and flowers, which are marvelously beautiful in its perfection; the flowers are large and very double, with petals of unusually heavy texture, making it of more than ordinary value in the open ground. It has the vigor of an oak, with large, heavy foliage, which is impervious to disease. Hardy with protection. Of extraordinary merit. Strong plants, each, 10c; 6 for 50c; postpaid by mail.

Two-year-old plant, each, 40c.

SPECIAL OFFER No. 321.—One each of the 7 grand Roses on this page for \$1.25, prepaid.

SPECIAL OFFER No. 322.—One Coronet and one Mrs. Robert Garrett, for 30c, postpaid.



New Rose, MRS. ROBERT GARRETT.

Better color than Bridesmaid, larger than La France.

A variety of American origin, raised under the climatic conditions in which it must have its being; therefore it is certain that it will prove to be adapted to our climate, not much like many of the lauded imported novelties, which too often fail to reach the glowing description of the foreign grower. The Mrs. Robert Garrett was raised by Mr. John Cook, the veteran raiser of fine Roses, including Souvenir de Wootton and several others, and is a cross between Sombreuil and Mme. Caroline Testout. With two such parents this fine result might be anticipated. Blooms are of remarkable depth, even in the fully open flower. Its petals are of great substance, containing more than the ordinary amount of coloring matter. The general color effect of this Rose may be described as being a glowing shell-like pink. It is marvelously beautiful, whether considered as a single specimen or in a bunch, but to be thoroughly appreciated should be seen in diffused light of out-doors, with all its manifold charms accentuated and reinforced by its background of living green.

Strong plants, each, 15c; 3 for 40c. 2-year-old plants, each, 40c.

VAUGHAN'S CANNAS. Novelties.

son their large flowers, more varied colors, brighter leaves, doubles their popularity and use everywhere. Since we imported these new, large flowered French hybrids ten years ago, we have added the best new ones every year. At the World's Fair we received highest awards for grand new ones never seen here before. This collection we keep at the highest standard, increasing the larger flowered ones of each season's novelties, and growing no more inferior ones. The orchid-flowered class, "Alemannia," "Burbank," "Italia," etc., show truly wonderful flowers. Our list can be relied on as the **Cream of all Cannas.**

Combining grand tropical foliage with large and brilliant flowers. Cannas are rightly our most showy and effective bedding plants. Each sea-

The Most
● Complete
Collection
● in the U. S.



MENELEK.

Menelek.—4 feet. Green foliage, strong grower; its flowers are of large size, with broad petals of good substance and produced in immense trusses. Color, rich nasturtium-red, making a very brilliant show. M. Crozy introduced it last year as one of his highest priced novelties. It is a good Canna, has a good name. Each, 30c.; 4 for \$1.00

Vice-Pres. David.—4 feet. Green foliage. Extra strong, robust grower and of free flowering habit, which we have failed to find in any other Canna of this type. Extra large, well-rounded flowers which open up full, showing off to great advantage. Trusses are of the largest size and not too compact. Color deep, golden yellow, heavily splashed with carmine. Very striking and showy. Each, 50c.

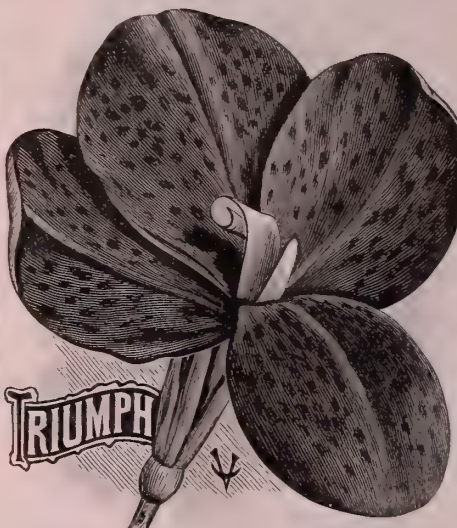


MLLE. BERAT.

Mlle. Berat.—5 feet. Green foliage. The best bedder we have. It is a very soft shade of rosy carmine. The petals are long and hang gracefully upon the flower stalk. A bed of this variety is simply superb, making a good show of good flower trusses all of the time, a solid mass of pink. Each, 25c.; 5 for \$1.00.

Mine D'Or. (GOLD MINE).—4 feet. Green foliage. Flower bright, canary-yellow, the lower petal lightly marked with red. Makes a fine, golden yellow border. In extremely hot weather the flowers turn white in the sun, but this does not detract much from its golden effect. Each, 20c.; 3 for 50c.

SPECIAL OFFER, NO. 334: One plant each of the 18 Cannas on this page for \$3.50, postpaid. If ordered singly, would cost \$4.90.



TRIUMPH.—3½ feet. Green foliage. Flamingo type, but more vigorous. Good flower and truss; color rich, bright red. Broad, thick petals, very durable. A constant bloomer and very handsome and desirable. Each, 20c.; 3 for 50c.

DWARF FLORENCE VAUGHAN. (COMTESSE DE SARTOUX THORENE).—The best of this year's introduction. It is of uniform dwarf habit, never exceeding 3 feet, with broad, massive dark green leaves. An early and continuous bloomer, throwing its graceful trusses of large, bold flowers just the proper distance above the foliage. Color rich, golden yellow, thickly dotted with bright red. It supplements that grand standard kind by repeating it in a dwarf growth. Planted as a border to the tall Florence Vaughan it completes a handsome bed. Each, 30c.; 4 for \$1.00.

Semaphore.—5-6 feet. Dark bronze foliage. The flowers are medium size with heavy, long petals, which open out evenly, dropping off when faded, always leaving the flower stalk clean and tidy. Flowers are of a pure orange, contrasting in a striking manner with the rich, dark foliage. Can be seen a long distance. Each, 50c.

Incendie.—3½ feet. Green foliage. Very prolific bloomer, throwing up numerous flower heads well above the foliage. Flowers of medium size, salmon pink, bordered with an irregular band of yellow. Under side of petals solid golden yellow. Very showy. Each, 25c.; 5 for \$1.00.

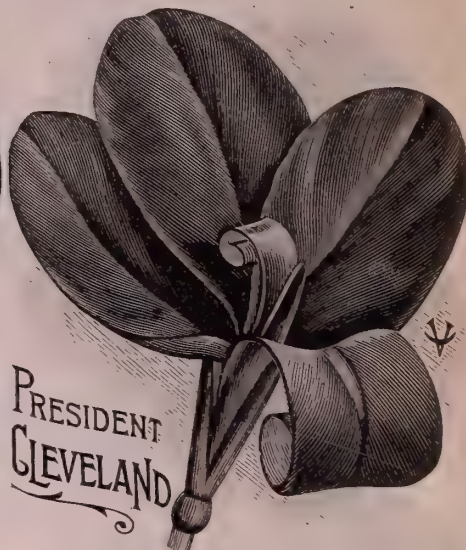
Yellow Crozy.—Height 4 feet. Green foliage. This novelty, proven by us for four years, is a clear, pure canary-yellow with no red markings except a few faint red spots on the smallest lower petal. The effect produced by a bed of it is a solid mass of pure yellow. In size, the flower petals are 1½ inches broad. In the full sun it bleaches less than any yellow Canna we have ever seen, owing to its good substance. Each, 25c.; 5 for \$1.00.

Black Beauty.—4 to 5 feet. The flowers are insignificant but its foliage is superb, being a deep, bronzy wine-red, almost black. And when foliage effect alone is wanted, or when planted to contrast with the large flowered varieties the effect is grand. Each, 35c.; 3 for \$1.00.

Philadelphia.—4 feet. Green foliage. This is undoubtedly one of the best for massing. It makes a splendid bed planted alone as a solid color. A handsome, graceful grower. Both the trusses of bloom and the individual flowers are of the largest size. The petals are broad and shapely; the color is the clearest shade of glowing crimson scarlet ever seen in a flower. Each, 20c.; 6 for \$1.00.

Francois Gos.—4 feet. Green foliage. Early and prolific bloomer, throwing up numerous flower stalks with compact heads of large, well-rounded flowers. Color, pure orange without markings. We consider this the best in this color. Each, 30c.; 4 for \$1.00.

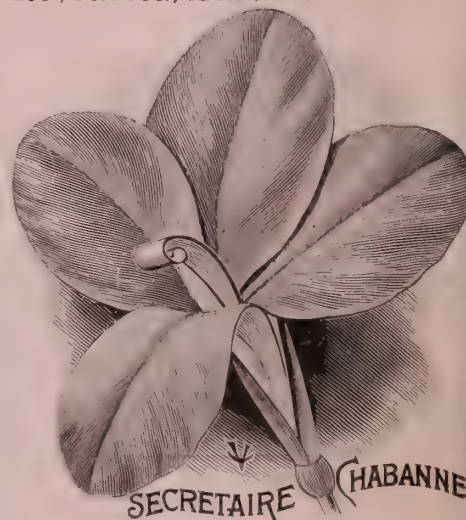
Leonard Vaughan.—6 feet. Rich, deep bronze foliage, and best of all the dark leaved, flowering kinds to date. Large, bright scarlet flowers. See colored plate. Each, 20c.; 3 for 55c.; 12 for \$2.00.



President Cleveland.—4 feet. Green foliage. We esteem this as one of the finest Cannas. Originated by the White House gardener, Mr. Henry Pfister, and the roots have been very scarce and difficult to procure. It throws up freely, remarkable strong thick flower stalks. The very large flowers form well-shaped, compact trusses of bright orange-scarlet. Each, 20c.; 3 for 50c.

President McKinley.—3 feet. Green foliage. Medium size flowers of good substance. Color a fiery, deep crimson. A profuse bloomer throwing a strong, flower spike. Each, 25c.; 5 for \$1.00.

Chicago. (MEDAL.)—4½ to 5 feet. Green foliage. Large flowers of a clear, deep vermillion. For full description, see back of colored plate. Each, 20c.; 3 for 50c.; 12 for \$2.00.



Secretaire Chabanne.—4 feet. Another new and very fine French Novelty. Green foliage, extra strong grower and free flowering. The color is a beautiful orange with deep shadings; flowers large and round. Each, 20c.; 3 for 50c.

The Burlington. (Our 1896 Seedling.)—5 feet. Green foliage. Flowers large and rounding, of a clear, orange color with a bronze luster. Strong grower, early to flower; cleans itself of all decayed flowers; never having that dried-up appearance which so many of our good Cannas have at times. Each, 25c.; 5 for \$1.00.

New Orchid-Flowering

Cannas.

THESE New Mammoth Orchid-Flowered Cannas are a surprise to everybody. The beautiful Gladiolus-Flowered, Crozy varieties, developed during the past six or eight years, have been considered a marvelous advance in hybridizing, but in these later ones we have again doubled the size of the flowers of this magnificent class of plants and these, we believe, are only the advance guard of a full range of colors with even more substance of flowers than the present. All the following sorts are grown at our greenhouses and are true to name and the plants are strong and vigorous.

ALEMANNIA.

The Giant of all Cannas. Produces the largest flowers which have been obtained from any Canna. The outer petals are scarlet with a very broad, golden-yellow border. The inside of the bloom is scarlet and dark red. Exceedingly beautiful. The plant grows 6 feet high. For full description, see back of colored plate.

Each, 25c.; 3 for 65c.; 12 for \$2.50.

BURBANK.

5 feet. Green foliage. The new American Orchid-Flowering Canna. Purchased and introduced by us from the originator, Mr. Luther Burbank of California. The flowers are truly gigantic in size, the upper petals spreading fully 7 inches and the form is really semi-double. Toward the inner part the petals show fine crimson spots, all the rest of the flower is of a most beautiful, rich canary-yellow. It resembles the Italian variety Austria, but produces three times as many flowers. For full description, see back of colored plate.

Each, 15c.; 3 for 40c.; 12 for \$1.50.

PARTENOPE.

5 to 6 feet. Green foliage. Flowers of extra large size and fair substance. Color bright reddish salmon. Very showy and distinct. Early and more free flowering than most of its class.

Each, 60c.; 3 for \$1.25.

IBERIA.

5 feet. Green foliage. Strong, robust grower, flowers large size; color deep salmon, bordered with regular band of yellow. Each, 20c.; 3 for 50c.

APHRODITE.

5 feet. Deep green foliage. Large flowers, upper petals salmon, edged and feathered with light yellow. Lower petals salmon with pale shadings. Extra strong grower.

Each, 25c.; 5 for \$1.00.

ATALANTA.

Height 4 feet. Large, grayish-green foliage, with a dark border; flowers deep orange-carmine; of the large, orchid-flowered type. The plant is a strong grower and an early and continuous bloomer; considered one of the best of this new Italian type. Each, 20c.; 3 for 50c.



BURBANK.

Austria.—Height, 6 ft. Much resembling the Burbank but far inferior to it in foliage and freedom of bloom.

Each, 10c.; 3 for 25c.

AMERICA.

The first gigantic flowering Canna with red leaves. Height about 4½ feet. The beautiful foliage has a dark background, shaded and flamed with green, bronze and purple and shines as if varnished. The spikes are very large and the flowers enormous, with a yellow throat and petals of glowing red, flamed and streaked with purple—a combination of colors not seen in the Crozy class. Each, 25c.; 3 for 65c.

BURGUNDIA.

Height, 4 feet. Large, glaucous leaves, very large spikes, enormous flowers resembling an expanded Cattleya, of a brilliant golden-yellow, with rich scarlet spots; golden-yellow in the center and fiery-red flamed. A marvel of beauty. Each, 20c.; 3 for 50c.




ITALIA.

Height, 5 feet. One of the new Giant Orchid-Flowering type. In color the center is of brilliant red, the outer half of the circumference of each petal being a wide, irregular band of clear yellow, making, with the two colors, a very striking flower. Each, 15c.; 2 for 25c.; doz., \$1.40.

SPECIAL OFFER No. 331. 1 good plant each of Alemannia, Burbank and America for 60c., prepaid.

SPECIAL OFFER No. 332. 1 good plant each of Italia, Burbank and Atalanta for 40c., prepaid.

SPECIAL OFFER No. 333. 1 Burbank and 1 Italia for 25c., prepaid.

SPECIAL OFFER  **10 NEW CANNAS AS**
 **SHOWN ON THIS PAGE,**
 **PREPAID, FOR ONLY** } **\$2.00.**



ALEMANNIA



PHYSALIS FRANCHETI.

NEW BEGONIA GLOIRE DE LORRAINE.

This grand variety makes graceful plants about one foot high, foliage regular and of a bright green; the plant is loaded with rose-colored flowers of great beauty, remaining for many weeks without falling, and borne in large drooping panicles. It flowers from October to May in a shaded greenhouse, or sitting-room window. Each, 50c.; 3 for \$1.25.

NEW COLEUS, KLONDIKE.

Large, rounding leaves, blotched with golden yellow, light green and crimson. The plant grows in a compact, bushy form, stands the hottest kind of sun and always looks bright and cheerful. Lifted in the Fall it makes an excellent house plant through the winter.

Each, 15c.; 3 for 30c.; per doz. \$1.00.

CLEMATIS PANICULATA.

The Best of All Hardy Climbers.

This is one of the most desirable, handsomest and hardiest of our garden vines, and it is long lived and easy to grow and manage. It is one of the very best of vines to grow near the house, as it is so free from insects, and remains neat looking throughout the whole summer. The flowers are of medium size, pure white, borne in immense sheets, and of a most delicious and penetrating fragrance.

Each, 20c.; 3 for 50c. Extra large, field grown roots, each, 40c.; 3 for \$1.00, postpaid.

Mt. Carroll, Illinois, May 18, 1898.
I received the Clematis and Lantana last evening; they came in good condition.
MRS. G. M. WHERRITT.



CLEMATIS PANICULATA.

The Chinese Lantern Plant

"Physalis Francheti,"
or Giant Winter Cherry.

It is a gigantic species of the showy Winter Cherry, and is of the easiest possible culture. It is of sturdy, upright habit, and grows about one and one-half feet high; is perfectly hardy, and will stand out doors over Winter. In the Spring it can be planted in the open ground.

It is a rank grower with large roots and needs to be grown outside to give it room for development. Its habit of spreading by subterranean roots is an interesting feature.

It blooms early and produces the first season a large number of balloon-like husks 3 to 3½ inches across. The husks first appear light green, then gradually change to bright yellow, and finally to orange-scarlet. At this period of growth they strongly resemble miniature Chinese lanterns when lighted—hence the name.

In the husks or lanterns a fruit is borne, much like a Winter Cherry or Husk Tomato, except that the color is a deep ruby-red, and is in every way superior to the Winter Cherry.

The branches covered with husks are used with splendid effect as parlor ornaments, and for Christmas tree decorations, retaining their life-like appearance for nearly a year.

As a precaution, it might be well to dust its leaves with some insecticide to prevent the attention of insects.

Price, strong plants, each, 15c.; 2 for 25c.; 5 for 50c.; 12 for \$1.00, postpaid.



ICEBERG BLACKBERRY.

The New WHITE Blackberry

"ICEBERG."

Raised by Luther Burbank, the "Wizard of Horticulture," who Describes it as Follows.

"Owing to the somewhat unsatisfactory qualities of White Blackberries so far known, the impression may have been entertained by some that no White Blackberry could be as productive and hardy, with berries as early, abundant, large, handsome and delicious, as the best black ones."

"One of the great grandparents of 'Iceberg' was Lawton. The first generation of seedlings, when crossed with Crystal White, was all black; the second also, though varying much in other respects; but the third produced this wonderful plant, bearing the snowiest white berries ever seen."

"Very little attention was paid to the long rows of cross-bred descendants, until one day this berry was discovered, among its black relatives, with the canes bending in various directions with their load of delicious, snowy berries, which are not only white, but so transparent that the seeds, which are unusually small, may be seen in the berries when ripe."

"Clusters, larger than those of Lawton; berries, as near as could be judged, were at least as large, earlier, sweeter, and more tender and melting throughout, though as firm as Lawton is when ripe."

Price, each 15c.; 3 for 40c.; 12 for \$1.50, postpaid.

DEUTZIA LEMOINEI.

Without doubt, one of the most important new hardy plants offered in many years. Its flowers are nearly three times as large as Deutzia Gracilis, and are produced in broad-based, cone-shaped heads of from 20 to 30 flowers each, and are of the purest white, which open out very full. It is perfectly hardy, and will prove a valuable plant for the garden.

Strong, 2-year-old plants, each 50c.; 3 for \$1.25.

MOUNTAIN BEAUTY.

Antigonon leptopus.

Is absolutely hardy and once planted is practically everlasting. The foliage, as well as habit of growth, resembles Ampelopsis Veitchii, one of the most popular and valuable of hardy climbers. It surpasses Ampelopsis Veitchii, however, inasmuch as it produces immense clusters of the most exquisite flowers imaginable. The flowers are borne in prodigious profusion, and a well established plant, loaded with its gorgeous carmine flowers, is one of the grandest sights. Each, 20c.; 3 for 50c.

Crown Point, Ind., Aug. 31, 1898.

I enjoy dealing with your firm because you have always dealt fairly with me. And my orders are always promptly filled.
MRS. WILLIAM PARRY.



NEW TWICE-BEARING

French Strawberry, ST. JOSEPH.

This new berry will create a sensation among growers as soon as its merits are known. It is of excellent flavor, dark red in color, large size and firm, but its leading characteristic is its strong tendency to bear two full crops in a season. Indeed its tendency is to keep throwing up flower stems from May to Autumn, but for commercial purposes it is better after taking off the Spring crop to pinch off the blossoms and you will get a heavy Fall crop. The plant is vigorous in every direction. Its dark green, thick, tough leaves resist disease. Its makes runners freely and is a great berry maker. This is an unusual combination.

Price, prepaid, 12 for 75c.; 25 for \$1.25; 50 for \$2.00; 100, \$3.50; 250 for \$7.50.

PASSION FLOWER "Southern Beauty."

The prettiest of all flowers and climbing plants. Will grow perfectly all over the United States. Greatly admired by every person who sees it. They bloom all Summer, and very far North must be protected a little from cold. For the window it is splendid, and out doors it will run up a trellis 20 feet, covered with beautiful blooms, 4 to 5 inches across, and supported by stout stems. The color is peculiar; of blue, white, pink and red. The foliage is a light green, tinted on the edges with yellow. Its shape is odd. The flower will attract the eye among hundreds of others. The plant will remain in the ground if protected a little with straw in the Winter far North, and bloom every season for years. Every garden in the country should have one. Each 15c.; 2 for 25c.; 5 for 50c. postpaid.

Sambucus Racemosus Plumosus fol. aureis. (Cut Leaved Golden Elder.) A grand novelty. The leaves are pinnate, while the leaflets are again heavily lanceolated. The color of the foliage is bright golden and stands the sun well. The very young foliage shows some brownish stripes. Altogether it is a great improvement on the Golden Elder, and was awarded a Certificate of Merit by the R. H. S. in 1895.

Strong, 2-year, pot-grown plants, each, \$1.50, by express.



Cash Discounts
ON PACKETS AND OUNCES
OF ALL OUR SEEDS . . .

Customers Sending

\$1.00
2.00
3.00
4.00
5.00

May select extra
Seeds . . .
to the value of

.25
.50
.75
1.00
1.25

Vegetable and
Flower Seeds
in Packets
or Ounces.

THIS DISCOUNT only applies to orders for flower and vegetable seeds in packets or ounces and does NOT include seeds by weight ($\frac{1}{4}$ lbs. and over) or measure (pints, quarts, etc.) or collections, or bulbs and plants, nor can it be applied to orders sent at different times during the season, except previous arrangement is made; but customers are allowed to select seeds in packets for the cost of sending money order besides these discounts.

Always use our order sheets, and send for more, if required.

Special Discounts

TO GARDENERS AND OTHERS
USING SEEDS IN LARGE QUANTITIES.

We allow the following cash discounts to gardeners and others using seeds in large quantities on orders for vegetable seeds in 1-4 lb., 1-2 lb., 1 lb., or larger quantities, quarts, pecks and bushels.

10 PER CENT ON ORDERS OF FROM \$5.00 TO \$10.00.
15 PER CENT ON ORDERS OF FROM \$11.00 TO \$20.00.

These "Special Discounts" however do NOT apply to Tools, Grass and Clover Seeds, Field Corn, Onion Sets, Potatoes, and Fertilizers. It only applies to Vegetable Seeds in quantities of $\frac{1}{4}$ lbs. and quarts and upwards.

OUR PRICES INCLUDE POSTAGE on Packets, Ounces, Quarter-Pounds and Pounds of VEGETABLE and FLOWER SEEDS; also, on PLANTS and BULBS, EXCEPT WHERE NOTED. If the purchaser desires to pay his own Express or Freight charges, he may deduct 8 cents per pound from the PREPAID RATES here offered. Where so requested and the amount is mentioned at the bottom of the order, we will add extra seeds for such amounts, if not deducted.

OUR PRICES DO NOT INCLUDE POSTAGE on Pints, Quarts, and larger amounts of Beans, Peas, Sweet and Field Corn, nor on amounts larger than one pound, except where it is marked otherwise.

"BY FREIGHT OR EXPRESS" always means that the transportation charges are to be paid by the purchaser.



ASPARAGUS as a Money Maker. This delicious vegetable grows rapidly in favor every year and we know of none surer to reward the gardener or private grower with *high prices* for good cultivation and high manuring. If there is one vegetable less liable to over production and great fluctuations than any other it is well grown Asparagus.

ASPARAGUS PLANTS.

These prices do not include postage. If to go by mail, add 25c. per 100 for the 1-year-old plants, and 50c. per 100 for the 2-year-old plants. We furnish 25 of a kind at the 100 rate, 250 at the 1000 rate, except where noted.

Special prices on larger lots on application.

Columbian Mammoth White.—One-year-old roots, doz., 15c.; 100, 75c.; 500, \$3.00; 1000, \$5.50; 2-year-old roots, 100, \$1.00; per 1000, \$6.50.

Conover's Colossal.—One-year-old roots, 100, 50c.; 1000, \$4.00; 2-year-old roots, good plants, 100, 60c.; 1000, \$5.00; 2000, \$9.00; 5000, \$20.00; 3-year-old roots, extra strong, 100, \$1.25; by mail, \$2.00.

Barr's Mammoth.—One-year-old roots, per 100, 60c.; per 1000, \$4.50; 2-year-old roots, doz., 20c.; 100, 75c.; 500, \$3.25; 1000, \$6.00.

Early Giant Argenteuil.—This deserves the attention of market gardeners and private planters, for it is a *Mammoth sort and the earliest variety in existence.* Gardeners who want large Asparagus and want it early can find no better sort than the *Early Giant Argenteuil.* One-year-old roots, per 100, 70c.; 500 for \$3.25; 1000 for \$6.00; two-year-old roots, per 100, 85c.; 500 for \$3.75; 1000 for \$7.00.

ASPARAGUS SEED.

	Pkt.	oz.	$\frac{1}{4}$ lb.	lb.
Conover's Colossal	03	06	15	40
Barr's Mammoth	05	10	20	50
Columbian Mammoth White, a new sort;				
produces white shoots which remain white	05	10	20	65
Early Giant Argenteuil	05	15	40	1.25

Authorities recommend the planting of one-year-old Asparagus roots.

Asparagus Culture.—A treatise on the best methods employed in England and France by Barnes and Robinson, with translation of Leboeuf's Essay on Asparagus. Price, per copy, bound in cloth, 50c., postpaid.



JERUSALEM ARTICHOKE.

This variety is not produced from seed, but is cultivated for its tubers, which are especially valuable for stock-feeding on account of their fattening properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food known; a preventive of cholera and other hog diseases. Three bushels of tubers are sufficient to seed one acre; cut to one eye, the same as potatoes, planting in April or May, in rows three feet apart and 2 feet in the rows, and cover about 2 inches deep.

Price, 1b., 25c.; 3 lbs. for 65c.; postpaid; by freight or express, peck, 35c.; bushel, \$1.15; bbl., of 3 bush. (enough for one acre), \$3.25; 2 bbls. for \$6.00, on cars at Chicago.

ARTICHOKE. GREEN GLOBE.—Produces large, globular heads; scales green, shading to purple; best for general use. Pkt., 10c.; oz., 30c.

GARDEN-MAKING.

A book of reference and instruction for the amateur as well as the skilled gardener.

It is full of valuable suggestions for the utilizing of the home garden, whether that garden be a city backyard, or an enclosure of acres. Gives in simple language such information as every man or woman who buys a single packet of seed is in need of. No modern American work exists which covers this important field. Garden-Making is profusely illustrated.

Price, \$1.00, postpaid.

FREE AS A PREMIUM!

We will send one copy FREE to anyone ordering seeds in packets and ounces amounting to \$2.00 at regular catalogue prices (without discount), or we will send one copy free with any general order for garden or flower seeds, plants or bulbs amounting to \$5.00.

BUSH, STRING OR SNAP BEANS.

Prices on Green-Pod Beans.

These prices, except for packets, do NOT include prepayment by mail; if wanted by mail, add 8 cents to the pint and 15 cents to the quart prices.

	Pkt.	Pt.	Qt.	½ Pk.	Pk.	Bu.
Improved Earliest Valentine	.10	.15	.25	.75	\$1.35	\$5.25
Extra Early Refugee	.10	.15	.25	.75	1.30	5.00
Early Round-Pod Six Weeks	.10	.15	.25	.70	1.20	4.50
New Stringless Green-Pod	.10	.20	.30	\$1.00	1.85	6.50
Blue-Podded Butter	.10	.20	.40	.....	.....	.....
Refugee or 1,000 to 1	.10	.15	.25	.75	1.30	5.00
Early Mohawk	.10	.15	.25	.70	1.20	4.50
Best of All	.10	.12	.20	.60	1.00	3.75
Long Yellow Six Weeks	.10	.12	.20	.65	1.15	4.35
White Marrow	.10	.12	.20	.55	.95	3.50
White Kidney	.10	.12	.20	.55	.95	3.50
Dwarf Horticultural	.10	.15	.25	.85	1.45	5.50
Boston Favorite or Goddard	.10	.12	.20	.50	.85	3.00
English or Broad Windsor	.10	.15	.25	.....	.....	.....
Improved Navy	.10	.12	.20	.55	.95	3.50
Warren Bush	.10	.15	.25	.60	1.00	3.75



New Stringless Green-Pod Bean.



Improved Earliest Valentine Bean.

NEW STRINGLESS GREEN-POD BUSH BEAN.

The Earliest of All Green-Podded Bush Beans.

The only absolutely stringless green-podded Bean in the market. The pod is round, full, and larger and straighter than that of the Red Valentine. In quality it is superior to most other Bush Beans.

Blue-Podded Butter.

Pods rich, deep blue, about six inches long. It bears freely, and pods, when cooked, are of a rich green color, very tender, and of delicious flavor.

Warren Bush Bean.

The richest flavored of all Bush Beans, and also very productive.

White Marrow.—Good as a String or Shell Bean.

White Kidney.—This is the long-loved "Succotash" Bean of our forefathers. New sweet corn, cut fresh from the cob of such varieties as our Champion, Country Gentleman, or Old Colony, and cooked with new-shelled Kidney Beans make up a dish that well supplies that "long-felt want" we all recognize.

Boston Favorite, or Goddard.—Much esteemed as a shell Bean, being large and of a very rich flavor.

IMPROVED EARLIEST VALENTINE SNAP BEAN.

Our stock of this is extra choice. This variety is usually ready to pick in 35 days after planting. The pods are very thick and fleshy, of finest quality and unequalled in uniformity of ripening, which latter fact, combined with its earliness, make it one of the most profitable sorts for the gardener.

Extra Early Refugee.

One of the earliest of the green-podded sorts. It has all the excellent qualities of the well known Refugee, with the additional advantage of being ready for market at least to days earlier. It is an immense yielder.

Early Round-Pod Six Weeks.

It is extra early, a vigorous grower, and very productive. Compared with the Long Yellow Six Weeks Bean, it is more prolific, the pods are longer and entirely stringless.

Improved Navy Bean.—This is a crop which can profitably be grown to a much greater extent than is now done, as it is one that certainly pays better than many field crops. It ripens early, before any danger of frost in northern bean-growing latitudes, and often yields 60 to 80 fold with ordinary field culture. Special price on large lots.

Wax or Yellow-Pod Varieties.

These prices, except for packets, do NOT include postage; if to go by mail add 8 cents per pint or 15 cents per quart.

	Pkt.	Pt.	Qt.	½ Pk.	Pk.	Bu.
New Valentine Wax	.10	.15	.25	.70	\$1.25	\$4.75
Davis Kidney Wax	.10	.15	.25	.75	1.35	5.25
Wardwell's Kidney Wax	.10	.15	.25	.75	1.35	5.25
Challenge Black Wax	.10	.15	.25	.75	1.30	5.00
Refugee Wax	.10	.15	.25	.70	1.25	4.85
Saddleback Wax	.10	.15	.30	.85	1.50	5.60
Rustless Golden Wax	.10	.15	.25	.75	1.30	5.00
Prolific German Black Wax	.10	.15	.25	.75	1.30	5.00
Golden-Eyed Wax	.10	.15	.25	.70	1.20	4.60
Giant Yosemite Wax	.10	.15	.30	.95	1.65	6.25
Speckled Wax	.10	.12	.20	.65	1.20	4.50
Flageolet Wax	.10	.15	.25	.70	1.20	4.65
Detroit Wax	.10	.12	.20	.65	1.20	4.50
German Black Wax	.10	.15	.25	.70	1.25	4.85
Improved Golden Wax	.10	.15	.25	.70	1.20	4.50
Crystal White Wax	.10	.15	.25	.75	1.35	5.00
Rogers' Lima Wax	.10	.15	.30	.85	1.50	5.85
New Imperial Wax	.05	.12	.20	.65	1.20	4.50



WARDWELL'S EARLY KIDNEY WAX BEAN.

One of the earliest, hardest and most productive of all Wax Beans. It is nearly a week earlier than the Golden Wax, and yields one-third more, and it is almost entirely free from rust and spots. The pods are long and showy, very tender, stringless, and of excellent quality.

DAVIS KIDNEY WAX BEAN.

The best for market gardeners and canners.

The plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear waxy white color, and handsome, often growing to a length of seven to eight inches, and, when fit for use, are quite stringless and of fine flavor. One of the main points of superiority over other sorts is its extreme hardiness and shipping qualities. Another good point of merit is, the plants produce a very small portion of waste or second quality pods.

SADDLEBACK WAX.—The pod is large, long, straight, round, very full of meat and is absolutely stringless. It is a very profuse bearer, the plants in ordinary field culture usually bearing from 25 to 40 pods each. The pods are filled with meat, and can be sliced like a cucumber without showing any hollow space.

GIANT YOSEMITE WAX.—The pods average 10 to 14 inches in length, are nearly all solid pulp and absolutely stringless, cooking tender and delicious. They are of a rich golden yellow; plant is a vigorous grower; enormously productive.



NEW VALENTINE WAX BEAN.

Everyone knows what a fine Bean the green-podded Valentine is, and, if we say that this is like it in quality, earliness and productiveness, and that it has pods of a handsome yellow color, it will at once be recognized as one of the most valuable additions to the Bean family. It comes true from seed, and is remarkably free from rust; quality unexcelled.

CHALLENGE DWARF BLACK WAX.

The Earliest Wax Bean in Cultivation.

This is fully one week earlier than any other Wax Bean. The pods are large and of good color, and ripen remarkably uniformly and well together. There is none better for first early crop.

NEW REFUGEE WAX.

The Best Wax Pod Sort for Early or Late.

Of especial value to market gardeners, as it is suitable for early or late sowing, and for a wet or dry season. If sown in spring, it will give seed in time for a second crop in fall. It is a perfect Refugee, with wax pods that are long, round, and of a golden-yellow color, and an immense yielder.

Rustless Golden Wax.—Very early and productive; of excellent quality and entirely free from rust, besides being very crisp and tender. It keeps longer than any other after picking, which renders it valuable for distant shipping.

Prolific German Wax.—While this sort retains all the good qualities of the Black Wax, the pods are straighter, larger and rounder, and it is twice as productive.

BUSH LIMA BEANS.

Add 8c. per pint and 15c. per quart to the prices on this page, if to go by mail. Packet prices include postage.

JACKSON WONDER BEAN.

A dwarf or bunch variety, growing from 18 to 20 inches high, immensely productive and very early. Pods broad and flat, containing from 3 to 4 beautiful, variegated flat Beans, similar in shape to the well-known Lima, and in the dry state as shell Beans, can be used the same as the Lima, but when the pods are young they make excellent Snap Beans. It cooks easily and quickly; in fact, fills all the requirements for a good garden variety as well as a field sort. Qt., 25c.; pt., 15c.; pkt., 10c.

HENDERSON'S BUSH LIMA.

For convenience and practical use in the home garden it is a really good thing. It grows without the aid of poles, in compact bush form, about 18 inches high, is very productive and at least two weeks earlier than any of the Pole Limas. Per bush., \$5.00; peck, \$1.35; qt., 25c.; pint, 15c.; pkt., 10c., if by mail, add postage.

Deer's (Kumerle, or Thorburn's) Bush Lima.

Grows about 2 feet high, matures early, remains green for a long time after ripening. Compared with the old Large Lima the individual Beans are not large, they are plumper and of a far superior flavor. Per ½ peck, \$1.00; qt., 30c.; pint, 15c.; pkt., 10c., if by mail, add postage.

SPECIAL OFFER: One packet each of these four Bush Lima Beans, 30c., postpaid.



BURPEE'S BUSH LIMA.

Identical in size and luscious flavor with the Large Lima. See the dwarf, bushy plants in above picture. Saves all poles and labor. One of the most decided improvements in vegetable growths on record.

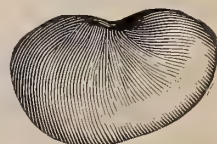
Bus., \$6.00; peck, \$1.65; ½ peck, 90c.; quart, 25c.; pint, 15c.; pkt., 10c.; if by mail, add postage.

POLE BEANS.

These prices, except for packets, do NOT include prepayment by mail; if wanted by mail, add 8 cents to the pint and 15 cents to the quart prices.

ANY OF THE FOLLOWING PER PKT., 10c.

	PT.	QT.	½PK.	PK.	BUSH.
Early Golden Cluster Wax..	15	30	85	\$1 45	\$5 50
Lazy Wife.....	15	30	85	1 50	5 65
Dutch Case-Knife.....	15	25	70	1 25	4 65
Horticultural Cranberry.....	15	25	75	1 30	4 80
Kentucky Wonder.....	15	30	85	1 45	5 50
Creaseback.....	15	25	75	1 35	5 00
Scarlet Runner.....	15	25	80	1 40	5 35
Ford's Mammoth Lima.....	15	25	80	1 40	5 40
Large Lima, selected seed..	15	25	75	1 30	5 00
Deer's Improved Lima....	15	30	85	1 45	5 50
"King of the Garden" Lima	15	30	85	1 45	5 50
Extra Early Jersey Lima...	15	25	80	1 40	5 25
Horticultural Lima.....	15	25	75	1 35	
Willow Leaf Lima.....	15	30	85	1 50	



FORD'S MAMMOTH LIMA.

FORD'S MAMMOTH POLE LIMA BEAN.

The Largest and Most Productive Lima Bean.

The pods of this most desirable Bean grow to an average length of 8 inches and are produced in great clusters. The pods have from 5 to 7 Beans of excellent quality, both green and dry. It might be called the **ever-bearer**, as the pods are produced early at the bottom of the pole, and are continuously produced until the frost destroys the vines.

"KING OF THE GARDEN LIMA."

Finest Stock for Market Gardeners.

When not closely planted they set their pods early, at the bottom of the pole, producing a continuous bloom and fruitage to the end of the season. The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 Beans to the pod, all perfectly formed and of superior quality.

Early Jersey Lima.—About two weeks earlier than Large Lima, which is of great advantage.

Early Golden Cluster Wax.—A desirable sort, only seven days later than the Dwarf Golden Wax. The pods are tender, 6 to 8 inches long, borne profusely in clusters of 3 to 6, and are of a beautiful golden yellow color, which they retain a long time after being picked. These snap easily, are stringless, cook tender and are delicious.

Kentucky Wonder, or Old Homestead.—A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor and are most excellent for snaps. This is one of the best and most profitable Beans for the market gardener, the pods being showy and produced in great abundance.

Scarlet Runner.—A favorite, both as a Snap Bean and for its flowers, which are a bright scarlet; seeds broad and kidney-shaped.

LAZY WIFE.—The pods are produced in great abundance and measures from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round, white Beans, which make excellent winter shell Beans. They are late to mature, but are valuable to extend the season. This is an excellent Bean and is sure to give satisfaction.



LAZY WIFE POLE BEAN.

CROSBY'S EGYPTIAN. BEET. EDMAND'S EARLY BLOOD TURNIP.

THE EARLIEST BEET IN THE MARKET.

A selection from that standard market Beet, Early Egyptian, which retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape; IT IS THE DEEPEST RED, ALMOST BLACK IN COLOR, and is of finer quality than the Egyptian, being sweeter and even more tender and smoother. The most desirable sort for small beets for early market, as it is in presentable market shape quicker than any other sort. It is a very rapid grower and can be sown outside as late as July. **Lb. 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.**

IMPROVED EARLY EGYPTIAN.

The finest early market sort, color very deep red; tender and sweet; in form like the Flat Dutch Turnip. Our seed is a special selection of the darkest, earliest and most perfect roots with small tops. **Pkt., 5c.; oz., 10c.; ¼ lb., 15c.; lb., 45c.; 5 lbs., by express \$1.50.**

ECLIPSE.—A very early, globe-shaped Beet, with small top and thin root; its skin deep red, its flesh of very fine texture. **Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.**

Detroit Dark Red Turnip.

A grand Beet for bunching for market; tops exceptionally small and uniformly upright; roots are perfect turnip shape with small tap roots. The principal fault with most Turnip Beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found one of the deepest red Beets. Quality is of the very best, sweet and tender. Gardeners can safely plant it largely.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

COLUMBIA.—This distinct new Beet is early, of finest quality and great uniformity, both in roots and neat, handsome foliage, being of turnip shape, with smooth, clear skin and deep, blood red flesh. It is as early as the Eclipse and of much better quality. A very valuable market gardener's variety. **Lb., 50c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.**

Half Long Blood.—One of the best for winter use. The roots are only half as long as the Long Blood, but weigh as much on account of their thickness. They are always smooth and handsome, and their rich, dark red flesh is very sweet, crisp and tender, never becoming woody even in the exposed portions. **Lb., 55c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

Sugar Beets.

VILMORIN'S IMPERIAL.—An improved French variety, exceedingly rich in sugar. Under average conditions it has yielded 14 tons of roots to the acre, containing about 16 per cent. of sugar. **Lb., by mail, postpaid, 40c.; ¼ lb., 15c.; oz., 5c.; 10 lbs., by express, \$3.00.**

Klein-Wanzleben.—This kind is cultivated on a larger scale than any other Sugar Beet. The root is conical, straight and even, quite large at the head and rapidly tapering. It is easy to dig, a heavy yielder, and contains from 13 to 15 per cent. of sugar. **Lb., 40c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.50.**

Lane's Improved.—Much liked by stockmen wherever used; heavy yielder, and contains about 8 per cent. of sugar. **Lb., 40c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.25.**

French Red-Top Sugar.—The most generally grown sort in France, as it combines with heavy yield a good percentage of sugar. It has produced 30 tons of Beets to the acre, and contains from 10 to 13 per cent. sugar. The largest yields known have been obtained with this variety.

Lb., 35c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.00.

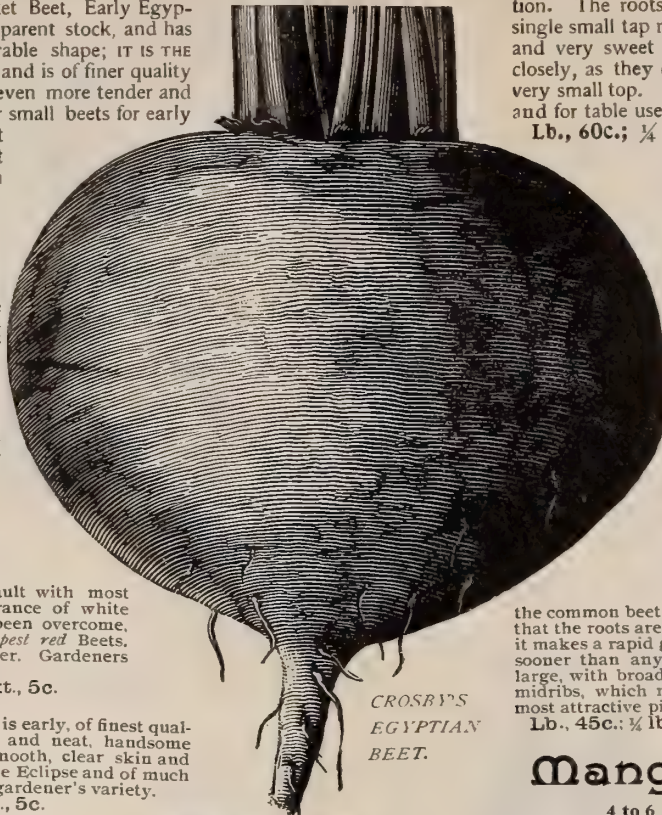
New Mangel, Erfurt Model.

A very fine selection of Red Tankard Mangel. The roots grow very uniform, smooth and well above ground. The foliage is very sparingly produced, which admits of much closer planting and easier harvesting. The flesh is solid and contains a great amount of saccharine matter. The roots are easily pulled; on account of their compactness will not break when thrown on the wagon. **Lb., 35c.; ¼ lb., 15c.; oz., 5c.; pkt., 3c.; 5 lbs., by express, (at buyer's expense) \$1.00**

Special Offer No. 7.

We will mail 1 lb. each Sugar Beet, Vilmorin's Imperial, Klein-Wanzleben and Lane's Improved, for \$1.00, postpaid.

Our prices for ounces and single pounds include postage.



One of the Best Beets grown, being a very careful selection. The roots are of good form, round with only one single small tap root; the flesh is of a deep blood red color, and very sweet and tender. They can be planted very closely, as they do not grow large and coarse, and have a very small top. It is one of the best for the market gardener and for table use.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Black Queen.—The roots are pear shaped, of medium size, fine form, nearly buried in the soil. The flesh is of a deep color, almost black. **Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

Dewing's Early Blood Turnip.

A first-class table Beet. A week earlier than Early Blood Turnip; skin smooth; good for summer and winter use. Our stock is grown from specially selected roots.

Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

Long Smooth Dark Blood.

We have an exceptionally good quality of this sort. **Lb., 40c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.**

Early Flat Red Bassano.—**Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.**

Bastian's Blood Turnip.—**Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.**

Swiss Chard, or Silver Beet.

A distinct vegetable and much superior to the common beet for greens; it must be remembered however, that the roots are of no value as beets. Sown early in the spring, it makes a rapid growth of leaves, and is fit for use for greens sooner than any other variety. Later the leaves grow very large, with broad, flat, beautifully white, wax-like stems and midribs, which may be cooked like asparagus or made into most attractive pickles.

Lb., 45c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Mangel * Wurzels.

4 to 6 lbs. are required per acre.

The importance and value of this crop to all STOCK RAISERS cannot be over-estimated, but it is fully realized and acted on by very few of our American farmers. When the fact is considered that 50 tons of Mangel Wurzels may be grown on a single acre, thus providing fresh and healthful stock food for the winter at so small an outlay, the wonder is that every farmer does not profit by it. We carry a very large stock of Mangel Seed, and can supply the largest buyers. Write for estimates on quantities larger than here quoted.

Vaughan's Mammoth Long Red.

This is an enormously productive variety, yielding from 50 to 70 tons to the acre, a single root often weighing from 20 to 30 pounds. It is the best long red Mangel, and of the greatest value for stock feeding. They grow well above ground, and are easily pulled. Our strain is an extra selection of the largest and thickest Mangels representing the true type. (See illustration.) **Lb., 35c.; ¼ lb., 12c.; oz., 5c.; 5 lbs., by express, (at buyer's expense) \$1.00.**

Golden Tankard.—The best yellow Mangel in cultivation. A distinct and valuable yellow-fleshed variety, which contains a larger percentage of sugar and more nutritive matter than any of the red-skinned sorts. It has already taken the lead of other varieties in England, and is more relished by milch cows and sheep than any other. In shape it is almost cylindrical, narrowing abruptly at both ends. Is very easily pulled, exceedingly hardy, and matures somewhat earlier than other large sorts. **Lb., 35c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express (at buyer's expense), \$1.00.**

Giant Yellow Intermediate Mangel.

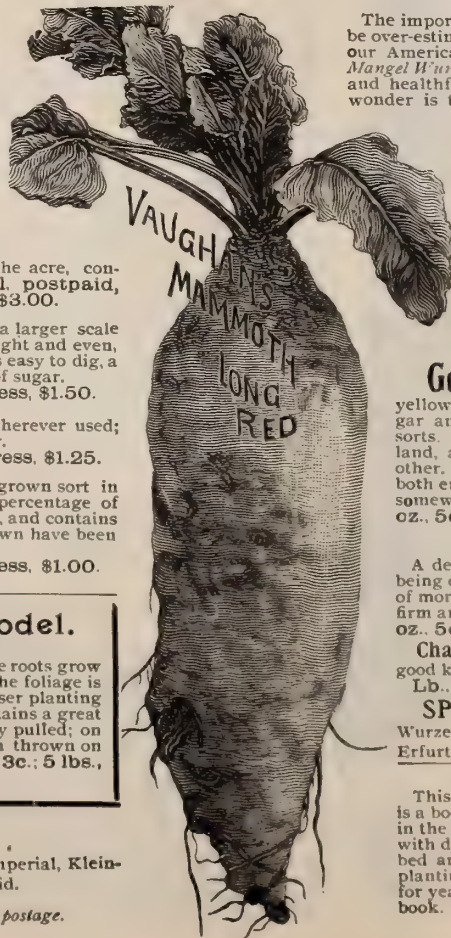
A decided improvement on the Yellow Intermediate Mangel being considerably larger, more than half above the ground, and of more grayish or rather of russet yellow color. Flesh white firm and sweet, much liked by cattle. **Lb., 35c.; ¼ lb., 12c.; oz., 5c.; 5 lbs., by express (at buyer's expense), \$1.00.**

Champion Yellow Globe.—Very nutritious and productive good keeper. The best Yellow Globe in cultivation. **Lb., 35c.; ¼ lb., 15c.; oz., 5c.; 5 lbs., by express, \$1.00**

SPECIAL OFFER No. 8.—We mail 1 lb. each, Mangel Wurzel, Vaughan's Mammoth Long Red, Golden Tankard and Erfurt Model, for \$1.00, postpaid.

"The Young Market Gardener."

This is the title of a new book, just published by T. Greiner. It is a book of 119 pages, paper cover and is just what new beginners in the market garden business need. It treats on Greenhouse with details of their construction and heating and their uses. Hoed and cold frames, manures, early and late crops, sowing, planting, selling, etc. Gardeners who have been in the business for years will find many profitable hints and suggestions in this book. Price, 50c., by mail, or 40c., with seed order of \$1.00 up



BORECOLE or KALE.**Dwarf Green Curled Kale.**

(German Greens or Sprouts.)

This is harder than Cabbage, and makes excellent greens for Winter and Spring use. The leaves are as curly as Parsley, tender and of very fine flavor. It is improved by frost. Sow the seed in May or June, transplant in July and treat same as Cabbage. Immense quantities of this are grown in the South and shipped to Northern markets. We have an excellent strain of it. Lb., 90c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.

Tall Green Curled.—Fine curled. Lb., 80c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.

Tree Kale.— $\frac{1}{4}$ lb., 30c.; oz., 10c.; pkt., 5c.

Sea Kale.— $\frac{1}{4}$ lb., \$1.00; oz., 30c.; pkt., 10c.

Siberian.—Sometimes called "Sprouts" and "German Greens." Not so curly as the Dwarf Green Kale. The plant is low, but spreading and very hardy. Lb., 70c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.



DWARF GREEN CURLED KALE.

Special Bargain Offer No. 33.

One pkt. each: Cabbage Allhead Early, Chantenay Carrot, Crosby's Egyptian Beet, Stringless Green-Pod Bean, Cucumber Evergreen White Spine, The Morse Lettuce, Early white Cory Sweet Corn, Prize-taker Onion, Scarlet Turnip Radish and Moss Curled Parsley.—10 Excellent Vegetables, for 25c.

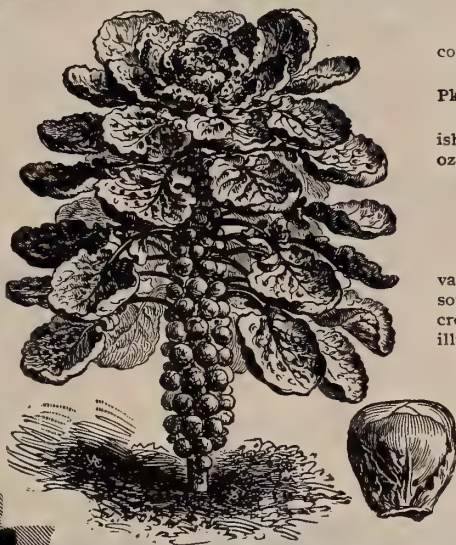
Vaughan's Earliest Dwarf Erfurt Cauliflower.*The Very Best for Forcing, and Earliest in Open Ground.*

Cauliflower seed should be thoroughbred. Erfurt best strains have a fifty year pedigree. Some are so high bred that with perfection in bloom, comes weak constitution. Such plants do not average a good seed crop once in three years; hence the best is dear and scarce. Vaughan's Earliest Dwarf Erfurt combines all pedigree points, earliness, purity of color, dwarf habit, fine grain. This seed will produce Cauliflowers worth the highest market price. It cannot be sold cheap for above reasons; but the shrewdest gardeners find it the most profitable.

Vaughan's Earliest Erfurt, Lb., \$40.00; $\frac{1}{4}$ lb., \$11.50; oz., \$3.00; $\frac{1}{4}$ oz., 85c.; pkt., 25c.



Vaughan's Earliest Dwarf Erfurt Cauliflower.



PARIS MARKET BRUSSELS SPROUTS.

BROCCOLI.

Large White Mammoth.—Heads compact. Pkt., 10c.; oz., 40c.

Walcheren.—One of the best sorts. Pkt., 10c.; oz., 50c.

Purple Cape.—Large heads, of a brownish-purple color and good flavor. Pkt., 10c.; oz., 40c.

BRUSSELS SPROUTS.*A Most Delicious Vegetable.*

Paris Market.—This is a very fine new variety, of half-dwarf growth, bearing handsome, solid, round sprouts of best quality, crowded together on the stalk, as shown in the illustration, 1 to 2 inches in diameter, resembling Cabbages in miniature. The sprouts are used as greens, and become very tender and of rich flavor when touched by frost. Sow in May, and treat the same as winter Cabbage. Lb., \$1.40; $\frac{1}{4}$ lb., 40c.; oz., 15c.; $\frac{1}{4}$ oz., 10c.; pkt., 5c.

Green Lake, Wis.—Vaughan's Earliest Dwarf Erfurt Cauliflower is the best kind for this Northern climate; it is sure to head; other kinds I do not have any success with. The Morse Lettuce was the best I ever saw. The New Stone Tomatoes were the best I ever had; they do not rot like other kinds. P. King.

CAULIFLOWER.

Danish Snowball.—Most good, early Cauliflower seed is grown in Denmark. Our "Danish Snowball" is the result of long, careful selection, and is not very early, but produces uniformly even, regular heads. With many seasons trial we find it always the same. Gardeners who have been pleased with it can rely on the same quality from us every time. Reliable in heading, the seed grows well and heads form evenly. Our popular traveler and expert vegetable gardener, the late Mr. Burt Eddy, used to say: "Don't put an incumbrance on your farm by planting uncertain, late and possibly mixed varieties of seed." Lb., \$30.00; $\frac{1}{4}$ lb., \$8.00; 2 ozs., \$4.25; oz., \$2.25; $\frac{1}{4}$ oz., 65c.; pkt., 20c.; 3 pkts for 50c.

Extra Early, or Second Erfurt.—A very fine strain, producing large, white, firm heads; close and of excellent quality. It is dwarf, extra early and always certain to head; good for early or late. We sell this largely to gardeners, who prefer it to Snowball. $\frac{1}{4}$ lb., \$7.00; oz., \$2.00; $\frac{1}{4}$ oz., 60c.; pkt., 10c.

Large Early Erfurt.—This is a vigorous growing variety with large, white, firm heads. It is the very best sort for a second or late crop. Per $\frac{1}{4}$ lb. \$2.50; oz., 75c.; $\frac{1}{4}$ oz., 40c.; pkt., 10c.

EXTRA EARLY PARIS.—Lb., \$6.50; $\frac{1}{4}$ lb., \$1.75; oz., 50c.; pkt., 5c.

Half-Early Paris.—Oz., 60c.; pkt., 5c.

Lenormand's Short Stem.—Lb., \$6.50; $\frac{1}{4}$ lb., \$1.75; oz., 50c.; pkt., 5c.

Walcheren.—A late sort; large, white head. Oz., 60c.; $\frac{1}{2}$ oz., 30c.; pkt., 5c.

Autumn Giant.—Well protected by foliage. $\frac{1}{4}$ lb., \$1.75; oz., 50c.; pkt., 5c.

Algiers.—One of the largest and best for late, Oz., 65c.; $\frac{1}{2}$ oz., 35c.; pkt., 5c.

CABBAGE.

VAUGHAN'S
+ SURE HEADING +
SEED.

Our prices include postage, if to go by express deduct 8 cents per pound.

Beware of "cheap", imported Cabbage seed, offered at low prices.



VAUGHAN'S SELECTED EARLY JERSEY WAKEFIELD.

THE BEST EARLY CABBAGE IN CULTIVATION.

It forms fine solid heads of good size, conical in shape, with very few outside leaves, and of the best quality. We offer this as the earliest strain of this standard variety. **GROWN ONLY FROM SELECTED HEADS.** Our strain is remarkably pure; warranted to give satisfaction.

Lb., \$3.00; ¼ lb., 80c.; oz., 30c.; ½ oz., 20c.; pkt., 10c., postpaid.

LARGE JERSEY, or CHARLESTON WAKEFIELD.

This sort forms heads considerably larger than the *Early Wakefield*; they are uniform, large and solid, and only a few days later. This sort is largely planted by market gardeners in the south, and will be just as early on clay ground as the *Early Wakefield*. It is the best, large early Cabbage.

Lb., \$2.50; ¼ lb., 65c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

EARLY JERSEY WAKEFIELD.—Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 3c.
STEIN EARLY FLAT DUTCH.—Remarkably fine strain; a sure header, the heads weighing from ten to twelve pounds, are of even size, solid and of good flavor. Truly a market favorite. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

ALL SEASONS.—Lb., \$1.50; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Earliest Etampes.—Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

EARLY "ALLHEAD" CABBAGE.

OUR SEED IS GROWN ON LONG ISLAND BY THE ORIGINATOR.

If a gardener or amateur were to plant but *one* variety of Cabbage he could get none that would answer all purposes as well as the *Early "Allhead."* For uniformity, reliability of heading, size, earliness and quality, it has no equal. Besides these points, the fact that at least 1,000 more cabbages can be grown on an acre, on account of its having hardly any outer leaves, and can, in consequence, be planted much closer than other sorts, render this sort the most profitable. As stated above, our seed is grown by the most reliable Cabbage Seed grower on Long Island, and we know that no better seed can be had.

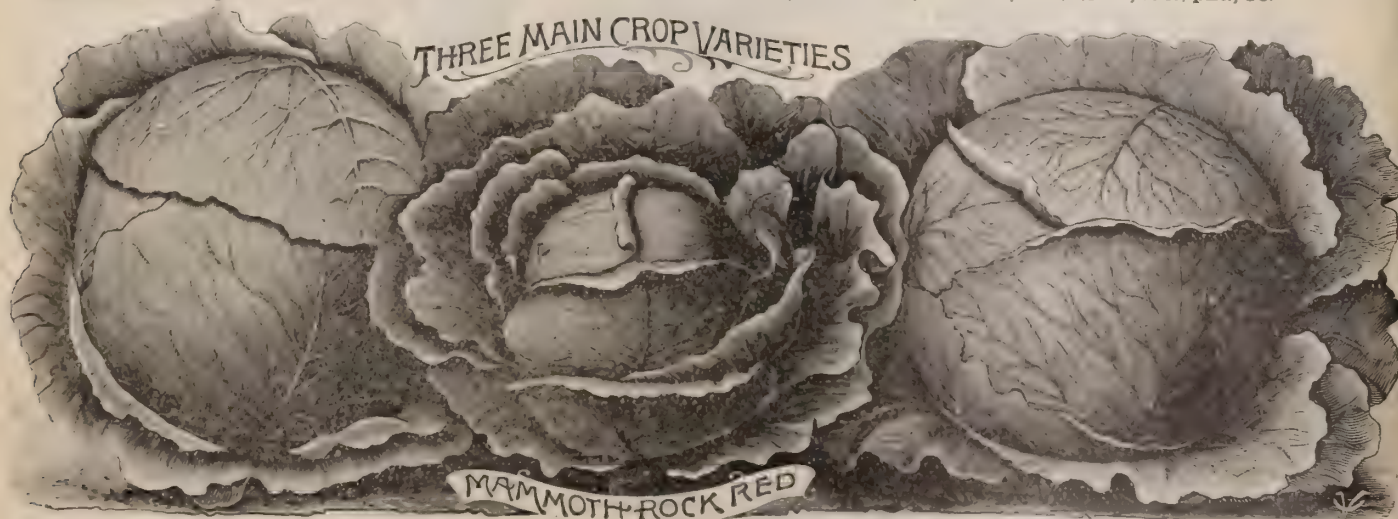
Price, 5 lbs. (by express), \$9.00; per lb., \$2.00; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; pkt., 10c.; 3 for 20c., postpaid.

VAUGHAN'S VANDERGAW. *One of the best sorts for the market gardeners, as it forms large, solid heads, much larger than the *Early Summer* and almost as early, while, planted later it makes a first-class fall and winter sort. One of its main qualities is its almost absolute certainty to head.*

Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

EXTRA EARLY EXPRESS.—A few days ahead of best Wakefield, but can't compete with that sort when it is ready; plant therefore only moderately. It has few outside leaves and can be planted close.

Lb., \$1.25; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.



BURPEE'S SURE HEAD.

This sort produces large, round, flattened heads which are of uniform size, very hard and of fine texture, and weigh from 10 to 15 pounds. It is a good keeper and shipper, of fine quality and **certain to head**, even in the most unfavorable seasons. A general favorite with gardeners or large growers. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

MAMMOTH ROCK RED.

The largest red Cabbage in cultivation. Heads deep red to the center and will frequently average 10 to 12. A sure cropper, and in every way a fine, first-class sort. Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

VAUGHAN'S PREMIUM FLAT DUTCH.

No Cabbage is so universally grown as this, because the seed may be sown in the open ground and the young plants raised without the use of hot-beds—hence it is a universal favorite for general use. For heading, evenness of crop and size our strain of this cannot be surpassed. Lb., \$1.75; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

VAUGHAN'S SURE-HEADING CABBAGES.



Dutch Winter, or Hollander.

The Best Cabbage for Early Spring Sales and for Shipping.

For several years past shipments of Cabbages have been imported from Holland and sold in the Chicago market at prices nearly double those obtained for the product from our home gardens. Through our connection with the largest seed growers in Holland, we have obtained a supply of the genuine seed, and offer it at such a price as to bring it within reach of all. The heads of this valuable sort are of medium size, averaging a weight of 8 pounds, are very solid and deep, and of a fine white color, making them entirely distinct from any other strain. Their quality is superior, and they keep better than any other sort, the heads being just as solid and perfect when taken up in the spring as when they were put away in the fall. No cabbage will sell beside it, even if offered at half the price.

Lb., \$3.00; ¼ lb., 85c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.

Luxemburg, or Hard Head.

Our market gardeners have for several years grown this variety, which was brought here by a German gardener who knew no name. It proved so valuable that the seed has been sold frequently at \$1.00 per ounce, and sometimes higher. It makes a very hard head of good size and extraordinary weight, and is remarkable for its keeping qualities when buried over winter. It is an excellent sort for late spring sales, after the other sorts are gone, when it commands a high price, owing to its fresh green color, size and quality. It is undoubtedly one of the most profitable kinds to grow, and every gardener should have it.

Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 10c.

Early Winnigstadt.—Lb., \$1.25; ¼ lb., 35c.; oz., 15c.; pkt., 3c.

Early Flat Dutch.—Lb., \$1.40; ¼ lb., 40c.; oz., 15c.; pkt., 3c.

Early Summer.—The seed we offer has been selected with special care from heads of even size, large, solid and of good texture and we know that our seed gives entire satisfaction, being a special market gardeners' strain.

Lb., \$1.50; ¼ lb., 50c.; oz., 20c.; ½ oz., 10c.; pkt., 3c.

Succession.—Lb., \$1.50; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Early York.—Lb., \$1.25; ¼ lb., 35c.; oz., 12c.; pkt., 3c.

Filderkraut.—Lb., \$1.50; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

DANISH BALL-HEAD CABBAGE.—THE GENUINE ARTICLE. **Lb., \$3.00; ¼ lb., 85c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.,** postpaid.

* RED CABBAGES. *

Extra Early Dark Red Erfurt.—Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Dark Red Dutch.—Heads hard, flat and large. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 3c.

Red Drumhead.—Head rounded, exceedingly hard, very deeply colored. The best for field culture and an excellent keeper. Lb., \$1.50; ¼ lb., 40c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

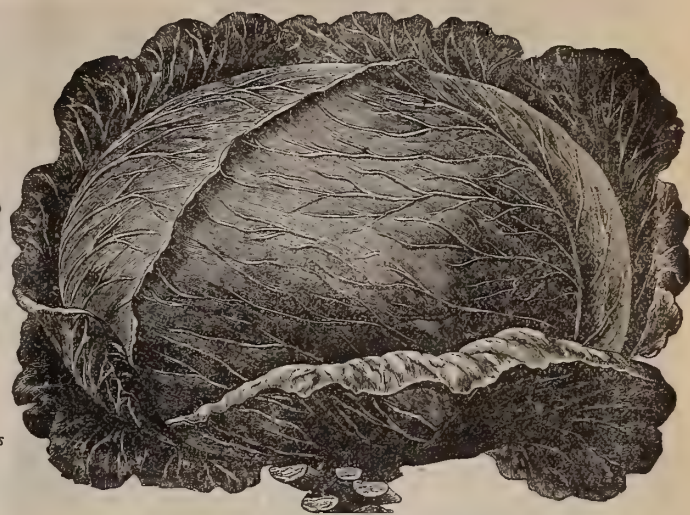
Giant Red Erfurt.—Very deep red and hard as rock. Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

BUXTON'S RED DRUMHEAD.—This is a very superior strain, being the result of many years' careful selection. For solidity, deep red color, certainty of heading and dwarf habit of growth it has no equal. Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

Our Dutch Winter or Hollander is THE Cabbage for gardeners who ship in car-load lots. Our seed is the genuine and can't be beaten.



MARVIN'S SAVOY CABBAGE.



Vaughan's Bridgeport Drumhead.

This is the Standard Shipping Sort from the Chicago Market.

Thousands of car-loads are annually used and shipped from Chicago South. It makes a large, round, firm head which seldom bursts or rots. Since our introduction of this famous sort to the public ten years ago, the demand each year has exceeded the supply. The extra value of our seed is shown from the fact that for several seasons we could have sold every ounce we had to our home gardeners at our regular rates. We again have a good supply this year, all raised from the largest, hardiest and in every way most perfect heads, and can make the price low enough so as to place it within the reach of every market gardener. **Lb., \$2.75; ¼ lb., 75c.; oz., 25c.; pkt., 10c.**

Best for **Fottler's Improved Brunswick.** (Short-Stemmed Drumhead.)

We have an extra fine strain of this, with very uniform, large, solid heads, and always sure to head. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

FOTTLER'S BRUNSWICK, Blue Strain.—It forms large and solid heads, the leaves have a bluish tint, hence the name. This sort is a better keeper than Fottler's Improved. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Stonemason.—A large, solid, late Drumhead, very popular and much used in Boston. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

Marblehead Mammoth Drumhead.—Late; the largest Cabbage grown and for that reason deservedly popular with market gardeners. Lb., \$1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

Large Late American Drumhead.—A specially selected strain of this standard variety for the main crop. It is productive and of best quality and finds a ready sale. Lb., \$1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

Warren's Improved.—Lb., \$3.00; ¼ lb., 80c.; oz., 30c.; pkt., 10c.

Autumn King.—Lb., \$2.00; ¼ lb., 55c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

NEW CABBAGE, ROUND SUGAR HEAD.—The heads are very hard and heavy, the stalk is short, it is of the finest quality and a splendid keeper. It is one of the most desirable sorts for the manufacture of *Sauerkraut*, as it assumes a fine golden-yellow color when pickled. Pkt., 10c.; 3 pkts., 20c.; ½ oz., 30c.; oz., 50c.

* SAVOY CABBAGES. *

These are much superior in flavor to the white Cabbages and just as good keepers. We recommend a trial.

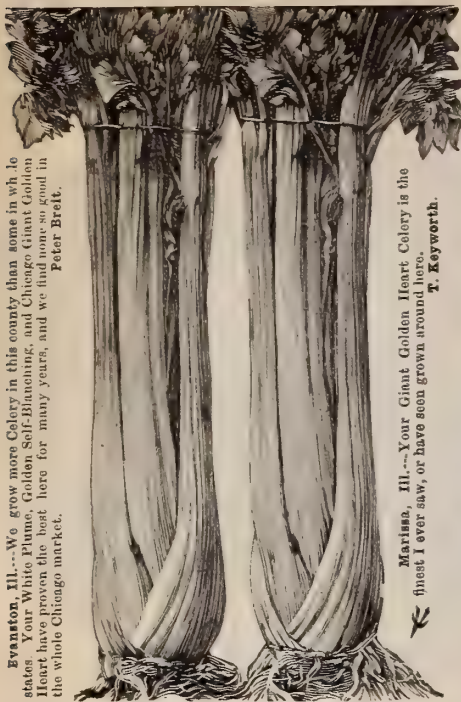
DE VERTUS.—One of the largest of its kind. It is an excellent variety for Fall and Winter. The heads are large and firm; flavor excellent. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Extra Early Paris Savoy.—The earliest of good size, beautifully crimped. 2 ozs., 40c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

Small Early Elm Savoy.—Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Marvin's Savoy.—This is not only very large and solid, but very curly, and will give from 90 to 95 per cent. of good heads in every field. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Improved American Savoy.—Best late Savoy. Makes large and solid heads and is of excellent flavor. Gardeners who plant Savoy Cabbages largely should use this. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.



Evanton, Ill.—We grow more Celery in this county than some in wh. to states. Your White Plume, Golden Self-Blanching, and Chicago Giant Golden Heart have proven the best here for many years, and we find none so good in the whole Chicago market.

Marissa, Ill.—Your Giant Golden Heart Celery is the finest I ever saw, or have seen grown around here.
T. Keyworth.

Vaughan's Giant Golden Heart.

The Best Celery for Winter Storage.

Ever since we introduced this Celery it has gained in public favor and rightly so, for it is not only the best keeper but it is large, solid, as sweet as a walnut and of a beautiful golden color. It is a selection from the Dwarf Golden Heart, grows much larger than its parent, but otherwise possesses all its excellent qualities. We strongly recommend it to gardeners as well as to private planters.

Lb., \$3.00; ¼ lb., 85c.; 2 ozs., 50c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.

"Kalamazoo," or Solid Ivory.—The fine Celery sent out under the name "Kalamazoo" has enjoyed a wide and extended popularity and has proven to be one of the most solid, compact, strong growing and easily bleached market varieties. We are selling it as a thoroughly reliable sort both for family and market use; *keeps well through the winter.*

Lb., \$2.00; ¼ lb., 60c.; 2 ozs., 30c.; oz., 20c.; ½ oz., 12c.; pkt., 5c., postpaid.



PINK PLUME CELERY.

CELERY.

SEE ALSO NOVELTIES.



WHITE PLUME, Self-Blanching.

Vaughan's Selected Stock.

This sort is too widely known to require an extended description. We will only say that we have not yet found a celery that is as early and of as good a flavor, as crisp and tender as our selection of this sort. We sell every year large quantities of this seed to market gardeners who find it *uniformly white, and free from green or hollow stalks.* It is not as good a keeper as our Giant Golden Heart, but it is unsurpassed for Fall and early Winter use, and is the *earliest Celery known.* Lb., \$2.00; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

GIANT PASCAL.—One of the best for Fall and Winter use. It is a selection from the Golden Self-Blanching, and adds to the general good qualities of its parent superior keeping qualities. The stalks are *very large, solid, crisp and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly,* and retains its freshness a long time after being marketed. The heart is golden yellow, very attractive. Lb., \$1.75; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

NEW PINK PLUME.—The stalks of this magnificent new Celery are of clear, creamy white, shaded with a beautiful delicate pink. In flavor, it is *sweeter than any other, all red Celery, having a stronger "Celery" flavor, and is preferred by Celery lovers, wherever known.* The foliage is white, like the White Plume, and the plants bleach naturally. It has the long keeping qualities for which red Celeries are noticeable, and the faint tint of pink makes it wonderfully attractive for table use. It has no tendency to rust, and owing to its white tops *matures and blanches as early as White Plume.* Pkt., 7c.; ¼ oz., 15c.; oz., 25c.; 2 ozs., 40c.; ½ lb., 70c.; lb., \$2.50, all postpaid.

PERLE LE GRAND.—Its beautiful golden heart and rich nutty flavor are unapproached by any other variety. It has been found a most excellent Winter keeper.

Lb., \$2.50; ¼ lb., 70c.; 2 ozs., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.



GOLDEN SELF-BLANCHING.

Our seed from the original Paris introducers is as pure a strain as exists. Its rich, golden yellow color, its close habit and compact growth, and greater than all, the readiness with which it is bleached and rendered marketable, make it invaluable to the gardener and exceedingly popular with every planter. The entire stock is solid, crisp, and although not as early, a much better keeper than the White Plume.

Lb., \$2.50; ¼ lb., 75c.; 2 ozs., 45c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.



GIANT PRAGUE CELERIAC.

Giant Prague Celeriac. *Prager Riesen Sellerie.*

This is unquestionably the largest and best Celeriac in existence. The roots are very large, twice as large as the Erfurt, almost globe shaped, smooth, with only a few roots at the bottom. Flavor is excellent.

Lb., \$1.50; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Vaughan's Celery Manual.

The only practical and complete guide to *Celery Culture* ever published. By a practical grower of 20 years' experience; revised and published by J. C. Vaughan. Price, postpaid, 50c.

If requested at time of ordering, this treatise will be sent free with every Celery seed order amounting to at least \$3.00, or with any general order for other seeds amounting to not less than \$5.00, if request is made when sending the order.

Prices include postage.	Pkt.	¼ oz.	oz.	½ lb.	lb.
Dwarf Golden Heart.....	.03	.10	.15	.40	\$1.50
Perfection Heartwell....	.05	.10	.15	.50	1.75
New Rose.....	.05	.12	.20	.60	2.00
Giant White Solid.....	.03	.10	.15	.40	1.50
Red Giant Solid.....	.05	.15	.25		
Crawford' Half Dwarf....	.05	.15	.20	.40	1.50
Early Arlington.....	.05	.10	.15	.40	1.25
Boston Market.....	.03	.10	.15	.40	1.50
New Red Pascal.....	.05	.12	.20	.60	
Soup Celery or Smallage	.03	.10	.15	.40	
Celery Seed for Flavor'g			.05	.12	.35
Celeriac, Large Erturt..	.03	.10	.15	.35	1.25
Apple-Shaped.....	.05	.10	.15	.40	1.50
Large Paris.....	.05	.12	.20	.60	2.00
Naumburg Giant.....	.05	.10	.15	.40	1.50

CARROTS.



EARLY

CHANTENAY. THE BEST BUNCHING CARROT.

This is the best early Carrot in existence, one which market gardeners should plant for their main early crop. The Carrots grow about six inches long, are stump rooted, very smooth, deep red, fine grained, sweet and sugary, and not apt to crack open while growing. An excellent table sort and a heavy cropper. Our seed is most carefully selected. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c., postpaid.

Very Early Scarlet.—(French Horn.) For forcing: nearly round; two inches in diameter. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

NANTES HALF LONG, Early.

This is the sweetest of all Carrots, of good shape and size. The roots are almost cylindrical, very smooth, grow about 6 inches long. Leaves fine, flesh entirely red, very sweet and almost entirely without a core. They are easily pulled and keep well. Like all Carrots, it likes a rich, deep, mellow soil, free from stones. A most excellent sort. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

IMPROVED LONG ORANGE.

A well-known sort, roots long, thickest near the crown, tapering regularly to a point, color deep orange; suitable for the table and main field crop. Our strain of this is excellent. Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.



GUÉRENDE, or OXHEART.

A thick Carrot, 5 inches long and very blunt at the lower extremity. It grows very rapidly and the roots attain a weight of more than a pound. It is tender, of good flavor and of a deep red color, and a variety we can recommend to all market gardeners. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.



"New York Market" Carrot.

A half-long Carrot, resembling Half-Long Danvers, except that it tapers more suddenly. It has hardly any core and is tender and of excellent quality. It is of very attractive appearance; a bright orange color; very heavy cropper. A very good variety for bunching and for the home garden. Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

The prices on ounces, ¼ pounds and pounds include postage; if to go by express deduct at the rate of 8 cents a pound from prices quoted. Note special cash discounts on large orders in front of book.



Vaughan's

SELECT DANVERS.

The best Carrot for general crop; it is of rich orange color, a very heavy yielder and splendid keeper. It is a first-class Carrot for all kinds of soils, valuable both for table use and for stock. We have an extra fine strain of this favorite sort, which we have sold for many years, giving the greatest satisfaction to our customers. Lb., \$1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c., postpaid.

Half Long Danvers.—A very good strain of this sort. Lb., 60c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

Early Short Scarlet.—(Dutch Horn.) Stump-rooted; about four inches long. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

James' Intermediate.—This variety nearest resembles the Danvers, is thicker at the shoulder, and pointed. Lb., 50c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

CARROTS FOR STOCK.

These are undoubtedly the most valuable of all the roots usually grown for stock. They are more nutritious than Turnips and nearly all animals like them and are benefited by them. The seed may be sown at any time in April until the end of May. Sow from 4 to 6 pounds of seed to the acre.

Long White Green Top Belgian and Large Orange Belgian

They grow about 20 inches long, partly above ground and are enormously productive, keep well and are very nutritious. Price, each, lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.; 5 lbs., \$1.60, all postpaid.

Long Scarlet Altringham.—Lb., 50c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

MAMMOTH WHITE VOSGES.

A field variety; one of the best for feeding cattle. The roots are very broad at the neck, narrowing abruptly to the point; they are about 8 inches long, with a diameter of from 4 to 5 inches. It is easily pulled and is especially suitable for shallow soils. Lb., 45c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.; 5 lbs., \$1.75, all postpaid.

The Mastodon Carrot.

This is the heaviest cropping Carrot grown, yielding more tons to the acre than any other sort. The flesh is white, solid, crisp and very sweet, the roots are short and very heavy at the shoulder, which allows them to be harvested very easily. They do not break easily in pulling or storing, owing to their solidity and shape. One of the most profitable Carrots; cattle and horses like it.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid; by express, 5 lbs., \$2.25.



MAMMOTH.
THE Carrot for
Stock.

VAUGHAN'S EXTRA SELECTED SWEET CORN.



EARLY CHAMPION.

Reproduction from photograph,
natural size of ripe ear.

EARLY WHITE CORY. The best Extra Early for the Market and the Home Garden.

Selected for white cob and white kernels from the original and earliest Cory, and is now a good length ahead of all the crack earlies, no matter what their names are. For a strictly first early for market and home use, you can't be far wrong with Early White Cory. The ears are larger and better filled out than those of the red cob Cory, and become fit for use a little earlier. We offer Northern grown, extra early, matured seed.

EARLY CHAMPION. The Earliest Large Sweet Corn. Produces ears 12 inches long in 60 days.

This new variety is without question the earliest large Sweet Corn yet introduced, being only a few days later than the first early small sorts. Ears nearly as large as the Mammoth twelve-rowed; pure white kernels, with medium sized white cob; very sweet, tender and full of milk, yielding from two to three ears to the stock. The best kind for early and late planting.

KENDEL'S EARLY GIANT. The ears measure 8 to 10 inches long and have 10 to 18 rows on each cob, the majority having 12 rows; kernels pure white, sweet and tender.

It comes into use with the standard early sorts, with ears twice as large as Early Crosby and Minnesota. It is superior to Champion in yield and quality.

ZIG-ZAG EVERGREEN. This is one of the sweetest and best late Sweet Corns, not excepting Country Gentleman.

The ears are as large as those of the Evergreen, but the kernels are placed irregularly, or zig-zag upon the cob, which is always an indication of great sweetness in any variety of sugar corn.

OLD COLONY. A sweet, tender sort, with large, handsome ears, 16 to 20 rowed. A selection of the Evergreen.

Compared with Country Gentleman it is more productive, the ear and grain being much larger and the skin less tough. It is one of the most productive of all the Sweet Corns; we call it one of the best of the late sorts either for market or the home garden.

COUNTRY GENTLEMAN. One of the sweetest of all Sweet Corns and also one of the most productive sorts, the stalks averaging three ears, sometimes as many as five; kernels and cobs are pure white; cob small, kernels deep, ears average 9 inches in length. The only fault we can find with this kind is that the skin of the kernels is rather thick and somewhat tough.

STOWELL'S EVERGREEN SUGAR CORN. The Best Late Sweet Corn in Every Way.

Being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking, there is no other late Sweet Corn which can compare with it. Our seed being most carefully selected for depth of kernel, size of ears, and freedom from flint and glaze, we know that it will give entire satisfaction.

OUR SWEET CORN PRICES on packets only include postage, all the other prices are net. If to go by mail, add 5c. to the pint prices, and 10c. per quart for postage.

	PKT.	PINT.	QT.	½ PK.	PK.	BUSH.
Mammoth White Cory	10	15	30	65	1 20	
Early White Cory	10	12	20	50	90	3 25
Extra Early Vermont	10	12	20	50	90	3 25
Early Cory	10	12	20	50	85	3 00
First of All	10	12	20	50	85	3 00
Burbank's Early Maine	10	12	20	50	90	3 25
Early Champion	10	12	20	65	1 00	3 50
Kendel's Early Giant	10	15	25	60	1 00	3 35
Perry's Hybrid	10	12	20	50	90	3 25
Adams' Early	5	10	15	40	70	2 50
Early Minnesota	10	12	20	50	85	3 00
Chicago Market	5	12	20	50	90	3 25
Early Crosby	5	12	20	50	80	2 85
Moore's Early Concord	5	10	15	45	80	2 75
Old Colony	10	15	25	60	1 00	3 50
Country Gentleman	10	15	25	70	1 20	4 00
Black Mexican	10	12	20	50	85	3 00
Hickox	10	12	20	50	80	2 85
Egyptian	5	12	20	50	80	2 85
Late Mammoth	10	12	20	50	90	3 25
Zig-Zag Evergreen	10	12	20	50	85	3 00
Stowell's Evergreen Eastern	10	12	20	60	1 00	3 50
Stowell's Evergreen Western	5	10	15	50	85	3 00
Sweet Fodder Corn, bushel					\$2.00; 6 bushels, \$10.00.	



STOWELL'S EVERGREEN.

Engraved from photograph.

SPECIAL OFFER. ✱

The 3 Best Sorts of Sweet Corn for Succession.

Early White Cory. Early Champion. Stowell's Evergreen.

By Mail, Postpaid.

At Buyer's Expense.

One packet each of the 3 kinds	25c.	20c.
One pint	45c.	30c.
One quart	80c.	50c.
One-half peck		\$1 40
One peck		2 50
One bushel		9 00

To secure a more complete succession we consider besides the above three kinds, The Black Mexican, Old Colony and Country Gentleman, the most suitable sorts.

NEW SWEET CORN—VAUGHAN'S BLACK SUGAR.

The Black Sugar is a selection from the old Mexican, long a favorite wherever known, because of its remarkable sweetness. To increase its desirability for the home garden, our grower has made for us a selection of the earliest maturing ears. In this we have a medium early which will produce the sweetest and most delicious table corn, following right after the Cory and the Champion and continuing by successive planting the whole summer and autumn. We introduce it this year for the first time. Pkt., 15c.; pint, 20c.; quart, 30c.; ½ peck, 80c.; peck, \$1.50. If by mail add postage.

Our prices on $\frac{1}{4}$ lbs. and lbs. include postage; if to go at buyer's expense, deduct 2c. from $\frac{1}{4}$ lbs. and 8c. from pound prices.

CUCUMBER.

VAUGHAN'S Vegetable Garden is the title of a booklet which gives short cultural instructions on vegetables. It is sent free on orders for vegetable seeds of 25c. and over, if requested on order.



"THE EMERALD."

The young fruit is dark green and makes excellent pickles and is also fine for slicing when matured. It is one of the best for shipping on account of its uniformity and because it holds its deep green color so much longer than other sorts. It is also one of the best for forcing under glass and is equal to the best English frame varieties in form and color. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 10c.; pkt., 5c.

Improved Long Green.

Produced by selecting from the Long Green; forms fruits fit for the table nearly as early as the shorter sorts; about 12 inches long, firm and crisp with very few seed. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

Vaughan's Improved Arlington White Spine Cucumber.

This is, without exception, the most profitable Cucumber for trucker's cultivation. It is, beyond question, the earliest, most shapely and productive variety of this type; of a rich, green color throughout its entire length, very straight and symmetrical. We have improved this variety since it came into our hands—we have constantly endeavored to merit our patronage by maintaining the superiority of this strain—it needs no recommendation where known and a trial order will convince you of the truth of this statement. This is one of Vaughan's Vegetables which helps to make a garden worth having. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 15c.; pkt., 10c.

Fordhook Pickling.

An extremely prolific variety that continues setting its fruits long after other sorts have ceased to bear. It produces longer vines and more Cucumbers than any other kind. The thinness of skin, their uniformity of size and shape the crispness and tenderness of the flesh, taken with its free-bearing habit, render it one of the best pickle Cucumbers. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 10c.; pkt., 5c.

English Frame or Forcing Cucumber.

Rollison's Telegraph.—18 in. long. $\frac{1}{4}$ oz., \$1.00; pkt. (35 seeds), 16c.

Noa's Forcing.—Excellent; prolific. Pkt., 15c.

Vaughan's Prolific Forcing.

It is early, robust and produces a great abundance of short necked fruit in clusters, two or three at a joint. They have but few spines; color a fine, rich green; length 10 to 14 inches and holding the same uniform thickness from end to end. Pkt., (35 seeds,) 20c.; 3 for 50c.

GHERKIN, For Pickles.

A very small, oval, prickly sort, distinct from all others. It is grown for pickles only. It is the smallest of all the Cucumbers and should be pickled when young. The seeds germinate slowly. Lb., \$1.25; $\frac{1}{4}$ lb., 35c.; oz., 15c.; pkt., 5c.

Cool and Crisp.

The skin is very dark green, almost black, and covered with knobs, upon which the spines set, which gives the pickles a very attractive appearance. They are very early and prolific. As a Cucumber for slicing it is splendid. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 10c.; pkt., 5c.

Any of the following, per pkt., 5c.; oz., 10c. except where noted.

Hill's Forcing, extra early, good size and shape .....	.20	.70
New Siberian, the earliest sort .....	.20	.60
Early Netted Russian .....	.20	.60
Livingston's Evergreen, for pickling .....	.20	.60
Everbearing, a continuous bearer .....	.20	.65
New Parisian Pickling, oz., 15c. ....	.40	1.50
Improved White Spine, pkt., 3c.; oz., 6c. ....	.15	.50
Evergreen White Spine .....	.20	.60
Extra Long White Spine .....	.20	.60
Extra Early Green Prolific .....	.20	.55
Bennett's White Spine .....	.20	.50
Green Prolific, or Boston Pickling, pkt., 3c.; oz., 6c. ....	.15	.50
Tailby's Hybrid .....	.20	.50
White Giant, grows to 20 in. long, oz., 20c.		
Albino, the best white-skinned .....	.20	.65
Early Cluster, pkt., 3c.; oz., 6c. ....	.15	.50
Nicholl's Medium Green, pkt., 3c.; oz., 6c. ....	.25	.50
Early Frame, pkt., 3c.; oz., 6c. ....	.15	.50
White Wonder .....	.20	.70
Giant Pera, extra long, good quality .....	.25	.85
Serpent, or Snake, oz., 20c.		
Goliath, enormously large; grown from 20 to 25 in.; good for frame and out-doors, $\frac{1}{4}$ oz., 30c.; pkt., 10c., 3 for 20c.		
White Pearl .....	.20	.60



Japanese Climbing Cucumber.

This is a strong and vigorous grower, the vines attaining nearly twice the length of common varieties. The young plants soon begin to climb, and may be grown on fences, poles or trellises, thus saving much valuable space in small gardens. It is estimated that with this Cucumber the product of a given area can be increased three-fold. The fruits are from ten to twelve inches in length; of a fine green color; the flesh is thick and firm, never bitter, and fine for pickling as well as slicing. It is very prolific, and the fruits being raised well above the ground, never suffer from wet weather or insects; proof against mildew; bear till late. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 15c.; pkt., 10c.



Westerfield Chicago Pickle.

This is a specialty first sent out by us and has become a standard variety among the gardeners and seedsmen. We supply the leading growers of the country with our selected seed. It is undoubtedly the best Cucumber for pickles, and is used almost exclusively by our pickle factories. The fruit is of medium length, pointed at both ends, with large and prominent spines; color deep green; begins to set its fruit when the vines are quite young. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c. **Selected (Stock) Seed** as supplied to our grower for our own sowing. Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 10c.

A Page of Little Known but USEFUL VEGETABLES.



DOUBLE CURLED CHERVIL.

Koerbel—Cerfeuil.

The leaves are aromatic and are used for seasoning in salads and for garnishing.

Lb., \$1.50; ¼ lb., 40c.; oz., 10c.; pkt., 5c.

CARDOON.

Kardon—Cardon.

The blanched stalks or ribs of the inner leaves are chiefly used as a winter vegetable, as well as the main root and they are excellent.

Pkt., 5c.; oz., 15c.



WATER CRESS.

Wasser Kresse—Cresson de fontaine.

The pleasant and peculiar flavor of the Water Cress, causes it to be highly esteemed for table use. Its culture can be carried on anywhere where there is sufficient supply of fresh, pure water; it is not even necessary it should be running water; it can be renewed often enough to keep it clean and pure. It can be grown without water even, in tubs filled with good soil and kept in a most shady position with an occasional watering. Our packages contain full cultural directions.

Oz., 40c.; pkt., 10c.; 3 for 20c.



Dandelion.

DANDELION.

Loewenzahn—Dent-de-lion.

Dandelion as a MONEY CROP is fast becoming the favorite spring green in the market.

Thick Leaved or Cab-baging.—An improvement on the common sort, the leaves being double the size.

Oz., 40c.; pkt., 10c.

—Improved.—Very early and wholesome greens.

Oz., 50c.; pkt., 10c.

Erfurt Kohlrabi.



EGG PLANT.

Vaughan's Improved New York Large Purple.

Very large and smooth, fine dark color. Ours is the spineless plant, most preferred by our market gardeners, both east and west. We have the most careful selection possible of our stock plants, and know it to be unsurpassed for the market. Lb., \$3.50; ¼ lb., \$1.00; oz., 35c.; ½ oz., 20c.; pkt., 10c.

White Pearl.—The fruit is pure creamy white, with slight shading of a very light green near the stem; beautiful in shape, and as large or larger than the purple; flavor superior, delicate, fine grained; good boiled and fried. Oz., 40c.; ½ oz., 20c.; pkt., 10c.

Black Pekin.—Fruit round, almost black, flesh white; very solid; fine grained and delicious; very early and almost as large as the later sorts. Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

Very Early Dwarf Purple.—Earliest of all. It resembles the New York Improved in shape and color; is smaller and earlier; valuable for northern sections. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

CHICORY.

Chicorie—Barbe-de-Capucin.

The leaves are used as salads, either in their natural state or blanched, with oil and vinegar. The leaves are used to mix with or as a substitute for coffee.

Large Rooted Magdeburgh.—Lb., 65c.; ¼ lb., 20c.; oz., 6c.; pkt., 3c.

Large Rooted Brussels or Whitloof.—Produces a white heart, which is used as a salad. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

HORSE RADISH.

Meerretling—Raifort sauvage.

If to go by mail, add 10c. per 100 for postage.

Horse Radish Sets.—(small roots.) 500 for \$1.00, by express, by mail postpaid; 100 for 85c. doz., 20c.

Write for special low prices by the thousand

KOHLRABI.

Short Top Early Erfurt.—Excellent for forcing and open ground; flesh white and very tender, leaves very short. Lb., \$2.50; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c.

Early White Vienna.—White, tender. Lb., \$2.00; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Early Purple Vienna.—¼ lb., 50c.; oz., 15c.; pkt., 5c.

Purple Gollath.—An extra large variety, used extensively for feeding cattle and sheep in winter, and an excellent vegetable for the table before fully matured. Lb., \$2.00; oz., 15c.; pkt., 5c.

White Gollath.—Like above, but white; grows to enormous size. Pkt., 10c.



CORN SALAD.

Rabinschen oder Acker Salat—Mache.

A most refreshing salad, used extensively in winter and spring as a substitute for Lettuce, also cooked like Spinach. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.



CRESS OR PEPPER GRASS.

Garten Kresse—Cresson aleinois.

Curled Garden.—Lb., 45c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

New Upland Cress.—Has the highly prized flavor of Water Cress. It is so hardy as to be green nearly the whole year, and is ready for use before any other salad in spring. Oz., 40c.; ½ oz., 25c.; pkt., 5c.



ENDIVE.

Endivien Salat—Chicoree Endive.

One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of June until the end of August.

Green; Curled.—A fine market sort; tender green leaves; blanch white; hardy. Lb., \$1.25; ¼ lb., 35c.; oz., 10c.; pkt., 5c.

Moss, Very Fine

Curled.—Tender, fine quality. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

Broad Leaved.

Leaves large, broad slightly curled; tie up for blanching. Lb., \$1.10; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Ever White

Curled.—Large leaves, pale green, very crisp and tender. Lb., \$1.40; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

GARLIC.

Knoblauch—Ail.

Bulbs, per lb., 20c.; 3 lbs. for 55c., postpaid.

Write for special low prices by the thousand



Horse Radish.

A PAGE OF SWEET
POT AND MEDICINAL

HERBS.

FOR flavoring soups, meats, etc., a few pot and sweet herbs are necessary for every garden. If they are to be used during the winter, the stalks should be cut on a dry day, when not quite in full bloom. They should then be dried quickly in the shade, and when dry be packed closely in boxes, with the air entirely excluded.

Varieties preceded by an * are perennials.

PKT. OZ.

ANISE.—Used for garnishing, seasoning and for cordials.....\$.03 \$.10

***BALM.**—Used for making balm wine and tea..... .05 .15

BASIL, Sweet.—The leaves are used for flavoring soups, stews, and highly seasoned dishes..... .05 .15

BENE.—The leaves immersed in a tumbler of water make a drink very beneficial in cases of dysentery..... .05 .15

BOHNENKRAUT.—See Summer Savory.

BORAGE.—Flowers excellent for bees. Leaves used in salads. The flower spikes can be used in cooling drinks. ¼ lb., 40c..... .05 .15

***CARAWAY.**—Seeds are used for flavoring bread, pastry, meats, etc. ¼ lb., 20c.; lb., 50c. .03 .07

CASTOR OIL PLANT.—The seeds yield the castor oil of commerce and are also used to drive away moles.....¼ lb., 15c. .03 .07

CATNIP or Catmint.—Grown for bee pasture. The leaves and young shoots are used for seasoning..... .10 .40

***CHIVES.**—Used for seasoning. Plants, per clump, 10c.; doz., \$1.00. By mail add 5c. per clump for postage. Seed, ¼ oz., 25c..... .10 .40

CORIANDER.—The seeds are used for flavoring. ¼ lb., 15c.; lb., 45c..... .03 .07

DILL.—Leaves are used in pickles and for flavoring soups and sauces. ¼ lb., 20c.; lb., 60c. .03 .07

***FENNEL.**—The leaves boiled are used in fish sauces, and are beautiful for garnishing. The seeds are used for flavoring. ¼ lb., 25c. .05 .10

***HENBANE.**—The growing plants are supposed to absorb malaria..... .05 .20

***HOP SEED.**—Pkt., 25c.

***HOREHOUND.**—The leaves are used for flavoring, and also in the manufacture of a cough remedy..... .05 .15

HYSSOP.—The tops and flowers are used for Hyssop tea..... .05 .15

***LAVENDER.**—The leaves are sometimes used for seasoning, but the plant is chiefly grown for its flowers which are used in the manufacture of perfumery..... .05 .15

MARJORAM, Sweet.—The leaves and the ends of the shoots are used for flavoring both in summer and also dried for winter use. ¼ lb., 35c.; lb., \$1.00..... .05 .10

***PENNYROYAL.**—Leaves are used for seasoning puddings and various dishes... .10

PEPPERMINT.—The leaves and stems are used for flavoring, but particularly for the distillation of the essence of peppermint. 25 seeds, 10c.; 100 seeds, 30c.

POT MARIGOLD.—The flowers are dried in the shade, and are used for coloring butter..... .05 .10

PIMPINELLA.—The young tender leaves are used as salad; they have a flavor resembling that of cucumbers..... .05 .10

***ROSEMARY.**—The leaves are used for seasoning..... .05 .20

***RUE.**—For medicinal purposes; good for fowls for the croup..... .05 .15

SAFFRON.—Used in coloring certain dishes, also for flavoring..... .05 .15

SAGE.—Leaves and tops are used for seasoning and stuffing. ¼ lb., 35c.; lb., \$1.25. .05 .10

SUMMER SAVORY.—The leaves and young shoots are used for flavoring, especially for boiled string beans. ¼ lb., 25c.; lb., 80c..... .05 .10



Sweet Marjoram—Majoran—Marjolaine.



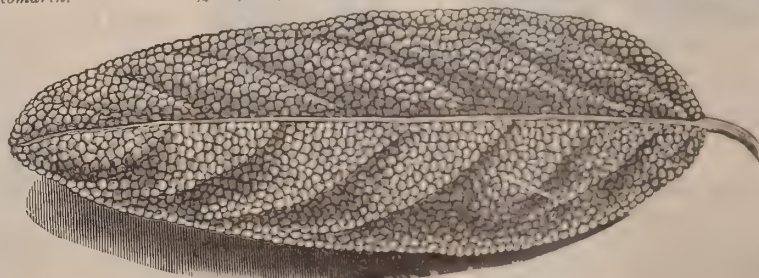
Summer Savory—Bohnenkraut—Sarriette.



Rosemary—Rosmarin—Romarin.

Holt's Mammoth Sage.

The plants are of strong growth, attaining to a height of one foot the first season, and spread so that a single plant covers a space 3 ft. in diameter. Our illustration shows a leaf of natural size, they are borne well above the ground, and are of unusual substance, strong in flavor, and of superior quality. It is perfectly hardy and attains a still larger growth the second season. It does not seed. Price, each, 15c.; 3 for 25c.; 7 for 50c.; 15 plants for \$1.00, by mail, postpaid.



Holt's Mammoth Sage (plants only.)



Borage—Gurkenkraut—Bourrache.



Lavender—Laven-lil—Lavande.



Tarragon—Esdragon.

***TARRAGON.**—Valued for the use of its aromatic leaves in seasoning or in salads; also for Tarragon Vinegar. Plants, each, 15c.; 2 for 25c.; 5 for 50c.; 12 for \$1.00; seed, pkt., 10c.

Tagetes Lucida.—Is an excellent substitute for the true Tarragon. Pkt., 5c.; oz., 30c.

THYME.—Used for seasoning; a tea is also made for nervous headache. Pkt., 5c.; oz., 40c.

***Winter Savory.**—A perennial; for seasoning. Pkt., 5c.; oz., 15c.

***Wormwood.**—Beneficial for poultry; should be planted in poultry yards. Pkt., 5c.; oz., 15c.; ¼ lb., 55c.

Hopedale, Ill.—I was well pleased with the seeds you sent me; they all did very well. Mrs. C. Heiser.

Samoth, Ill.—This is my second or third order to you this spring, for seeds, etc. I have dealt with you many years, and our dealings have always been satisfactory.

A. B. Agnew, M. D.

LETTUCE.

SEE ALSO
NOVELTIES.

VAUGHAN'S **BLACK SEEDED SIMPSON.** SELECTED STOCK

This is by far the most popular sort among the Chicago gardeners. It forms large, loose leaves of ideal color; the leaves are large, thin, very tender, and of very good quality. It is one of the best sorts for use under glass as well as for early outdoor planting. Our seed of this has been most carefully selected, and we sell large quantities to market gardeners. Lb., \$1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

EARLY CURLED SIMPSON.—(White seeded.) One of the best of the "Leaf" Lettuces. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

THE NEW "MORSE."—A careful selection from the Black Seeded Simpson by a seed grower of large experience. Very desirable for growing under glass or out of doors; style of growth resembles the Grand Rapids; leaves beautifully wrinkled and of brilliant green color. One of the best for Spring and Summer use. Quality the very best. Lb., \$1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Westover, Penn.—The "Morse" Lettuce is as fine as I ever grew, and I have tested a good many kinds. It was nice to use all summer. Wm. L. Zimmerman.



Vaughan's Selected Black Seeded Simpson.

STANDARD SORTS.

Any of the following:

Lb., 75c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.
Brown Dutch, The Deacon, Silverball, Tomhannock, Golden Stonehead, Salamander, Black Seeded Tennisball, Chartier Pink, Ferry's Prizehead, White Cabbage, Henderson's New York, Stubbornhead, Green Fringed, White Seeded Tennisball, Oak Leaved, Gray, or Yellow Seeded Butter, Early Curled Silesia, Tilton's White Star, Boston Curled, Ninety and Nine, Rawson's Hot-House, Trianon Cos.

IMPROVED HANSON.—Forms very large, firm heads, resembling a cabbage, which are deliciously sweet, crisp and tender; heads green outside and white within; for outdoor culture unexcelled. It is one of the best heat-resisting sorts. Lb., 75c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

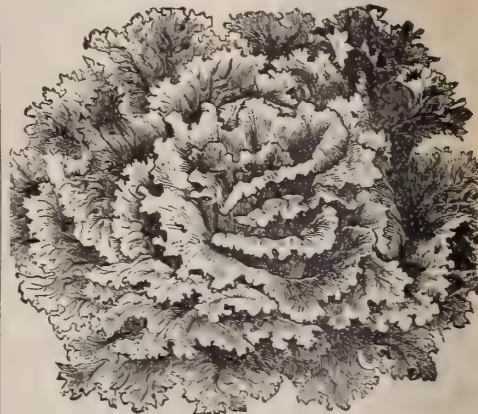
PARIS WHITE COS.

Cos Lettuces have come into favor, and rightly so, for their crisp and tender leaves are delicate and refreshing.

Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

St. Louis Butter Head.—This is a great favorite with our Chicago gardeners, owing to its solidity, crispness and good flavor. It withstands the summer heat extremely well and is slow to run to seed. We can highly recommend it.

Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.



GRAND RAPIDS FORCING.

The Best Sort for Shipping.

This grand new forcing variety stands more neglect in the way of watering and ventilation, will grow more weight on the same ground, and stand longer after matured than the Black Seeded Simpson. It is of handsome appearance, a strong grower, and not apt to rot, and will keep from wilting longer while exposed for sale than any other. Its upright habit admits of very close planting. A quick grower.

Lb., \$1.25; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

CHICAGO FORCING.

This is distinctly a Lettuce for greenhouse forcing, being of rapid growth, excellent flavor, crisp and tender. It can not be excelled for the home market, being much more tender than the Grand Rapids. It is an extraordinary hardy variety and does not wilt when exposed for sale. Lb., \$1.50; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

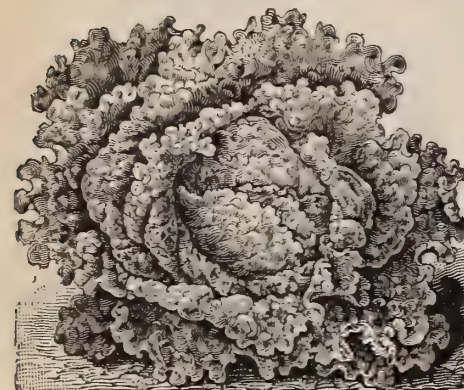


RUDOLPH'S FAVORITE, OR BUTTERCUP.

A very attractive Cabbage Lettuce; large size, crisp and delicate in flavor and very desirable for either winter or summer use, as well as for forcing. Forms a fine, large, solid head, and is remarkable for its fine foliage. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

BIG BOSTON.—Resembles the well-known Boston Market Lettuce; produces heads almost double the size; matures a week later. A valuable sort for open ground or forcing. Lb., \$1.25; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

ICEBERG.—The leaves have small indents which are constantly filled with dewdrops, thus keeping them always fresh and giving them a crystalline appearance, hence its name. The Iceberg is the hardest heading sort we know. An excellent Lettuce for home garden and market. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



DENVER MARKET FORCING.

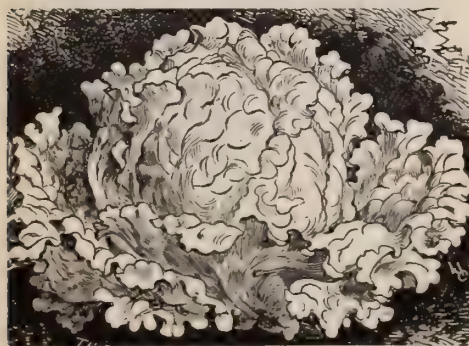
An early variety of Head Lettuce, either for forcing or open ground. It forms large, solid heads of good, light green color, and is very slow to go to seed. The leaves are beautifully marked and blistered (like the Savoy Cabbage), very crisp and tender, and of excellent flavor.

Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Vaughan's Mammoth Cabbage Head.

This remarkable Lettuce is the hardest and most solid heading and the largest size of any in our list; it forms heads nearly as large as the Summer Drumhead Cabbage, and for compactness and solidity it is unequalled; it is of a beautiful light green color with inner and under sides of the leaves almost creamy yellow. Its shipping qualities are excellent.

Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

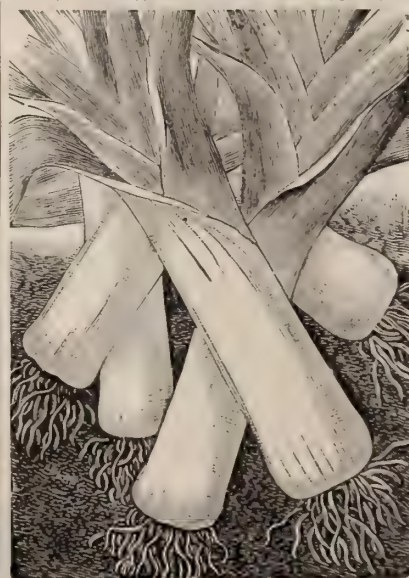


BLONDE BEAUTY.

It resists the heat to a remarkable degree, and is also an excellent keeper after being cut; is tender, crisp, sweet and juicy when many sorts have become tough and bitter. It is a distinct sort, and one which we can recommend as a superior sort for shipping and the home garden. Lb., \$1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Perpignan, or Defiance Summer.

Unequaled for long standing. One of the finest new varieties of Head Lettuce, which stands the summer heat better than any other. It forms very large, solid heads, so firm that they have to be cut open to allow the flower shoots to come through. The leaves are light green. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.



LEEK.

Broad Scotch, or London Flag. Hardy. A large, strong plant, with broad leaves. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

LARGE MUSSELBURGH.—Enormous size; leaves large and broad; mild, pleasant flavor. Lb., \$1.35; ¼ lb., 40c.; oz., 15c.; pkt., 5c.

ROUEN, Very Large Winter.

Large and excellent; enormous in size; best for forcing. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 5c.

MUSK MELON.

Special prices on 5, 10 and 20 pound lots.
Vaughan's Original Osage.

We first introduced it, and we have maintained its quality by paying ten times ordinary prices for special watchfulness in seed saving. This distinct, high quality table melon has become more widely known by name, and everywhere liked and sold than any other new melon.

The OSAGE is distinct in outside appearance, dark skinned and but little netted. The meat is of a peculiar rich orange, extra deep fleshed, and always of extra good flavor.

Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

Originator's Selected Stock Seed

Such as we supply seedsmen and seed growers. Lb., \$2.50; $\frac{1}{4}$ lb., 75c.; oz., 25c.; pkt., 10c.

EARLY NETTED GEM.—This is a leader in the Chicago market as well as those of other western cities. Shipped in baskets in immense quantities, it is known and liked both for quality and its convenient size for restaurant and hotel use. We have a steady and increasing demand from gardeners and dealers for best seed of this melon, and such we have carefully selected each year, dividing into two types, the round and the oval, blending each other somewhat, yet retaining in both the excellent netting characteristic of the Genuine Netted Gem. They are regularly ribbed, evenly netted, thick meated, extremely early and of excellent flavor. Well grown specimens average uniformly about one and one-half pounds.

Oval Netted Gem.—Lb., 85c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.

Round Netted Gem.—Lb., 65c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

VAUGHAN'S ORIGINAL OSAGE MUSK MELON.

Green Fleshed Osage.—Quality of the best, flesh a beautiful pea-green; also a good shipper. Lb., 60c.; $\frac{1}{4}$ lb. 20c.; oz., 10c.; pkt., 5c.

Giant Chicago Market.—It is a type of our well-known Chicago Market Musk Melon, equal to it in quality, which we hold to be of the very sweetest but much larger and very productive. It is decidedly ribbed, extra well netted, with very thick green flesh.

Lb., \$1.25; $\frac{1}{4}$ lb., 35c.; oz., 15c.; $\frac{1}{2}$ oz., 10c.; pkt., 5c.

CANNON BALL.—A remarkably uniform Melon, perfectly round; of medium size and very heavily netted. The flesh is very thick, leaving only a small seed cavity, green, solid and of very good quality. It is an excellent shipper to distant points. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 25c.; lb., 75c.

VAUGHAN'S IRONCLAD.—The Musk Melon for Long Distance Shipping.

It is with the second early sorts in ripening, flesh thick, deep yellow and very sweet. A strong viner and very heavy cropper. It has been bred for years to secure thick, leathery, shell-like skin with heavy, coarse, protective netting, with the idea of making it a perfect shipper. It is now fixed in type and fills the place of a yellow fleshed shipping Melon. Its quality is good.

Lb., \$1.00; $\frac{1}{4}$ lb. 30c.; oz., 10c.; pkt., 5c.

THE BANQUET.—Medium sized melon of perfectly round shape, densely netted over its entire surface. The flesh is dark rich salmon color, and uniformly thick. In flavor it is unsurpassed, rivaling the Emerald Gem. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

CHICAGO MARKET.—This we consider the best Nutmeg for earliness of maturity, large and uniform size, thickly netted skin, small seed cavity, deep green flesh, juicy delicious flavor, and freedom from rot. A favorite with all who prefer a green-fleshed sort.

Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

Cosmopolitan.—Medium sized, round, with no ribbing, and densely netted. The flesh is green, very thick and highly flavored.

Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

TIP TOP MUSK MELON.—A Melon we recommend to every lover of this luscious fruit and to every gardener who grows for the market. It is a yellow-fleshed melon of the very best quality, every melon produced, big or little, early or late in the season, is a good one. They are sweet, juicy, of finest flavor, eatable to the very rind. It is a strong grower and a heavy yielder, and of handsome appearance. Our seed is grown from introducer's stock and is reliable in every way. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; 5 lbs. by express, at buyer's expense, \$2.50.

CHAMPION MARKET.—The flesh is thick, light green in color, and of very rich, sweet flavor. It is as early as the Netted Gem, which it resembles in shape and appearance, but is fully three times larger; very prolific and a good shipper. Lb., 70c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.

MELROSE.—One of the best Melons for the home market. The flesh is thick, solid, and of light green color. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

Extra Early Hackensack.—This is a selection of the old Hackensack, which it resembles, but is fully 10 days earlier. The melons weigh from 4 to 10 pounds, and are of excellent flavor. Those who grow for market should remember that it is one of the best, as well as the earliest, hardest and most prolific of Netted Musk Melons. This stock was grown for us by a most reliable Eastern Market Gardener Seed Grower, and is the best type we have ever seen. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

HACKENSACK.—Lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

OTHER STANDARD MUSK MELONS

which we supply at these uniform prices:

THE PRINCESS.	Triumph.	Extra Early Giant Prolific.
IRONDEQUOIT.	BALTIMORE ACME.	Thorburn's Giant.
Bay View.	SHUMWAY'S GIANT.	EXTRA EARLY NUTMEG.
DEL MONICO.	EARLY NUTMEG.	Improved Cantaloupe.
Banana.	Montreal Market.	GRAND RAPIDS MARKET.



NETTED GEM.



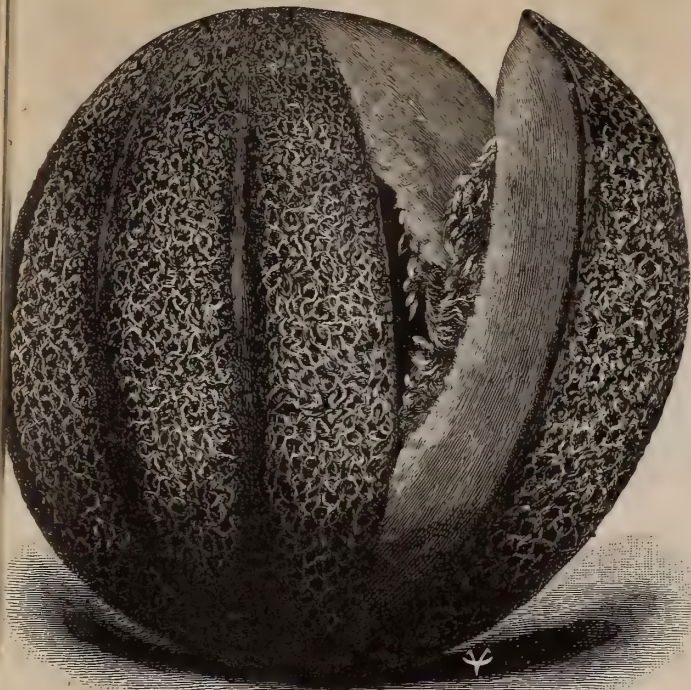
Emerald Gem.

Color dark green, flesh thick and of a delicate salmon color. For table quality it ranks very high, and our sales over the counter and through the mail, show the people find it one of the sweetest Melons grown, and especially suited to the home garden. Lb., 60c.; $\frac{1}{4}$ lb., 20c. oz., 10c; Pkt., 5c.

Write for Special Prices on 5, 10, and 20 Pound Lots.



EXTRA EARLY HACKENSACK.



CANNON BALL.



TIP TOP MUSK MELON.



CHAMPION MARKET.



VAUGHAN'S BLACK DIAMOND.

A cross between Kolb's Gem and Hoosier King. All that could be said of the Kolb's Gem as to good shipping qualities can be truthfully stated in a higher degree of the *Black Diamond*. All the praise of high quality bestowed on the Sweetheart can be repeated of our new Melon, but its prominent point of merit is its **extreme size**—no melon ever yet produced anything like so uniformly large fruit nor approaching it in **productiveness**. Melons weighing from 75 to 90 pounds are frequent. It is the most prolific watermelon ever planted. Its color is a rich, dark green, almost black. Of uniform symmetrical shape, roundish to bluntly oval, and this similarity of shape running through the whole field. The habit of the vine is extremely vigorous. Pkt., 10c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00; by exp., 5 lbs., \$4.00.

Jones' Jumbo.—The shape is round, color green, with faint lightish stripes; deep red meat, surpassing all other varieties in flavor and size, and as a market Melon sells more rapidly and for higher prices. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$2.00.

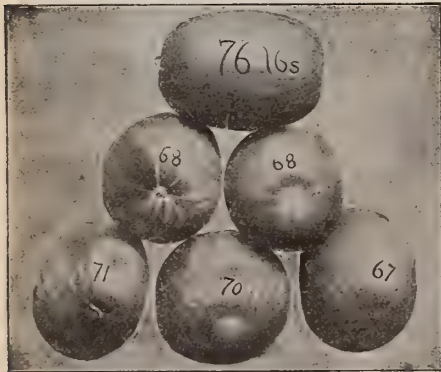
Hoosier King.—The Melons grow oblong and are of an even diameter. The flesh is brilliant red, very solid, sweet and luscious. The rind is very thin, but exceedingly hard, which renders it a valuable shipping sort. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$2.00.

The Dixie.—One of the best shipping Melons grown. Darker than Kolb's Gem, and more beautifully striped; unexcelled for eating. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; by express, in 5 and 10 lb. lots, 40c. per lb.

True Ice Cream.—The great home-market Melon. It has too thin a rind for shipping. Few, if any, surpass a *True Ice Cream* for quality and productiveness. Flesh bright scarlet, solid to center; melting and delicious. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

Fordhook Early.—One of the earliest Water Melons that is also of large size. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 15c.; pkt., 5c.

Seminole.—One of the most popular sorts grown: is undoubtedly one of the best Melons. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.



NEW TRIUMPH WATER MELON.

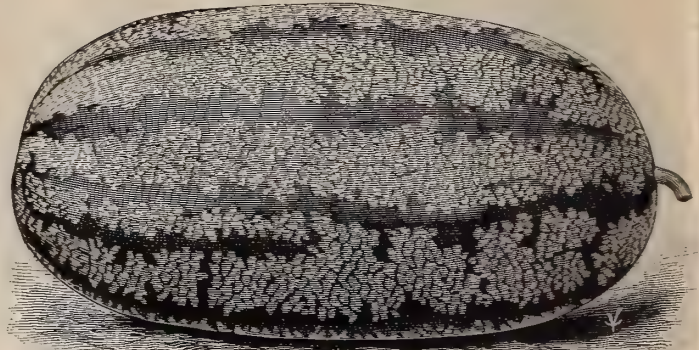
It is a cross between Duke Jones and Kolb's Gem. It has the handsome appearance of the former and the shipping qualities of the Gem; very early very prolific, deliciously sweet, and of enormous size. It possesses all of the qualities that go to make up a desirable Melon. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 15c.; pkt., 10c., postpaid.

THE NEW ONION CULTURE.

By T. GREINER.—Fourth edition.

A story for gardeners young and old, it tells how the plants are grown, what soil to select, how to manure and prepare it; how the plants are set in open ground; how to use nitrate of soda; when and how to harvest the crop; advantages and profits of the new way. Price, 50c.

WATER MELON.



McIVER'S WONDERFUL SUGAR MELON.

THE SWEETEST MELON GROWN.

Without a single exception this is the sweetest Water Melon of all. The Melons attain a great weight, are of a very handsome appearance, *never crack* or lose their fine flavor in the wettest season. It is a very productive and hardy variety and one that will take the lead wherever known. Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 30c.; lb., \$1.00, postpaid; by express, 5 lbs., \$3.50.



SWEETHEART.—Our strain is a grand, sweet-hearted kind for home and market use, and will hold its own in the "Water Melon patch" for many years to come. Vine vigorous and productive, ripening its fruit early; fruit large, oval, very heavy, uniformly mottled light and dark green; rind thin but firm; flesh bright red, firm and solid, but very tender melting and sweet. Remains in condition for use longer than any other sort; seeds gray. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; 2 oz., 12c.; oz., 10c.; pkt., 5c. 5 lbs., by express, \$2.25.

Improved Kolb's Gem.—It is fully a week earlier in ripening than the ordinary Kolb's Gem, besides growing much larger and being a heavier yielder. Lb., 50c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.; 5 lbs., by express, \$2.00.

Melon Peach.—Grows on a vine like a Melon and is of golden yellow color, resembling an orange in shape and size; the flesh is snow white. They make splendid mangoes, stuffed with Cabbage, like Peppers. For sweet pickles, pies and preserving they have no equal. Full directions for cooking on each packet. Large pkt., 10c.; 3 pkts. for 25c.

WATER MELONS.—Standard Varieties, Which we supply at the uniform rate of: Lb., 55c.; $\frac{1}{4}$ lb., 15c.; oz., 7c.; pkt., 3c., prepaid. Special prices on larger lots.

Red Seeded Citron.
Phinney's Improved.
Mountain Sweet.
Hungarian Honey.
Kentucky Wonder.
Colorado Citron.
Girardeau's New Favorite.

Rattle Snake.
Dark Icing.
Cuban Queen.
Florida Favorite.
Black Spanish.
Long White Icing.

RARER VEGETABLES AND HERBS.

How to Cook and Use.

Many of the rarer vegetables—especially those imported from France and Germany—are comparatively little known to the American housewife. In order that the true delicacy and distinctiveness of flavor of these choice kinds may be best secured. This book contains a collection of the best recipes for the preparation and cooking of these rare and odd vegetables. Price, 25 cents, or free to every customer who buys seeds to the amount of \$2.00 or upwards and asks for same.



COLE'S EARLY.

This is the best early Melon for the home market to day. For sweetness and delicious texture of flesh it has no superior. The rind is thin, but brittle, and therefore not suitable for shipping; for the home we know of none better. Extreme earliness is another point in its favor. Lb., 65c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

THE NEW POTATO CULTURE.

By E. S. CARMAN, editor of the Rural New Yorker.

Tells all about the new French system, its failures and successes. Double cropping, shallow cultivation and its advantages; conservation of moisture. Fertilizers. How to find out what your land needs and many other topics. Price, paper cover, 40c.; cloth cover, 70c. postpaid.



CHINESE MUSTARD

NEW CHINESE, or Giant Southern Curled.—The large leaves, which often measure 14 inches, are ready for use in about six weeks after sowing. Plants will continue to yield until frosty weather. Leaves are eaten boiled, like spinach.

White.—Best for salads and general use. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

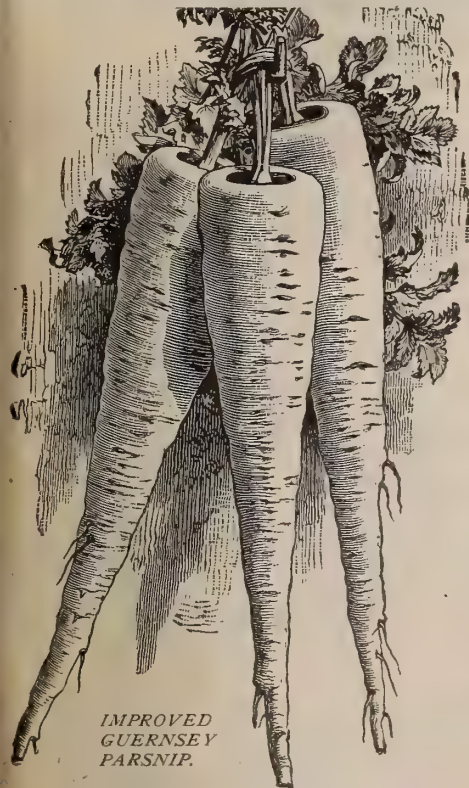
Brown.—Stronger and more pungent than above. Price, same as White.

NASTURTIUM.

The tender seed-pods make delicious pickles, while they produce some of the most beautiful flowers that can be grown from seed. For complete list see **FLOWER SEEDS.**

Tall Mixed.—Useful and ornamental; the green seed-pods are pickled in vinegar; the flowers are used for garnishing.

Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 3c.



PARSNIP.

IMPROVED GUERNSEY.—An improved strain, which has given general satisfaction. The roots do not grow so long as those of the Hollow Crown, but are of greater diameter and more easily gathered. Of excellent quality.

Lb., 45c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

Hollow Crown, or Long Smooth.—(Abbot's Improved). Smooth, large, tender and sugary; one of the best. Our stock is very fine.

Lb., 40c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

The Student.—A good, half-long variety, smooth and sweet. Lb., 45c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.



MUSHROOMS

Can be easily grown in an ordinary cellar or barn, and it is one of the *most profitable crops* to grow.

ENGLISH MUSHROOM SPAWN.—It comes in pressed bricks weighing about 20 ounces. These are broken up into pieces the size of a walnut and put into the bed eight inches apart each way. Price, per brick, 25c.; 5 lbs., \$1.00, postpaid. By express or freight, 10 lbs., \$1.20; 25 lbs., \$2.50; 100 lbs., \$7.50.

French Mushroom Spawn.—Put up in boxes of 2 lbs., each. Price, per box, 75c.; if by mail, \$1.00. The same loose, per lb., 35c.; by mail, 45c.

Robinson's Mushroom Culture.

A book bound in cloth, giving directions how to prepare Mushroom beds and raise Mushrooms. Postpaid, 50c.



OKRA, OR GUMBO.

White Velvet.—Produces pods larger than any other. They are never prickly to the touch, always round and smooth, while in other varieties they are either ridged or square-edged. The pods impart an agreeable richness to soups and stews. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Dwarf.—Early and prolific. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Tall.—Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

MUSHROOMS, HOW TO GROW THEM.

By Wm. Falconer. The most complete book ever published in America on the cultivation of Mushrooms. Per copy, \$1.50, postpaid.



PARSLEY.—CHAMPION MOSS CURLED.

The Champion is a prize winning English variety, in appearance like a tuft of finely curled moss, and of a rich, deep green color. It is slow to run to seed, and very hardy; of easiest growth, a few seeds sown in onion rows use no space. Grows in window boxes.

Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c., postpaid.

DOUBLE CURLED.—Finely curled, dwarf. Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.

FERN-LEAVED.—Valuable for garnishing and also as ornamental foliage plants for borders of beds. Lb., 80c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

PLAIN.—Lb., 50c.; ¼ lb., 20c.; oz., 7c.; pkt., 3c.

HAMBURG ROOTED, or GERMAN PARSLEY.—The root, resembles a small parsnip, and is the edible part of this sort; extensively used for flavoring soups. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

MARKET GARDENERS

Using seeds in large quantities may send us their lists for estimates. We can often do a little better than our catalogue prices if we know the quantities desired.

VAUGHAN'S PEDIGREE ONION SEED.

"Continue doing that which you best know how to do" has been our constant advice, and which is the motto of most good growers. While the 1898 Onion crop has been a good one, January of the new year will surely find Onion prices where they ought to be. We offer all the paying kinds grown for market and our seed is produced from hand-picked onions; the crop carefully watched and handled from planting time until the seed is in the store. Those who know the merit of such seed, the handsome appearance of the bulbs, the fine ripening and reliable keeping qualities of the stock, will not buy doubtful seed at any price. See special note below.



If to go by
freight or ex-
press deduct 8 cents
from the price of
single pounds.

SPECIAL CONNECTICUT STOCK SEED.

Of the following kinds we can furnish Connecticut-grown seed. Many of our customers have used this stock for years and will have no other.

	Pkt.	Oz.	¼ Lb.	Lb.	5 Lbs.
Id-al White Globe, very scarce.	10	25	85	\$3 25	\$14 50
White Portugal	10	25	70	2 50	12 00
Southport Yellow Globe	10	25	70	2 50	11 50
Southport Large Red Globe, very scarce	10	25	80	3 00	

Note on Prices. This season's Onion Seed crop was very short, yielding in many cases only one-half the usual quantity per acre, while some fields were entirely failures. We had very large contracts, and anticipating a shortage, increased our orders considerably during the summer, we therefore have our usual supply in store at favorable cost. This places us in position to offer our choice seed at such reasonable prices, which will maintain while our stock lasts. We are aware that some seed dealers who had not the foresight to contract for their seed, or have depended on the open market for a supply, will require higher prices, not because of better quality but for the above reasons. We wish to impress our customers that there is a great shortage of good Onion seed and that those who use Vaughan's Pedigree Seed should write us early, for while we think we have "enough to go 'round" prices are quite likely to advance later in the season.

In case we are sold out of any kinds on receipt of order, we shall return the money promptly unless our customers indicate on the order what variety we may use as substitute if unable to supply the kind ordered.

OUR ONION SEED PRICES.

The prices for ¼ pounds and pounds include postage; large lots (5 pounds and over) are net and will be sent by freight or express, the purchaser paying the charges, unless postage is added: 8 cents per pound.

OHIO YELLOW GLOBE.

This is an extra fine selection of the best colored, finest shaped and heaviest yielding bulbs, entirely distinct from the old type Yellow Globe Danvers. It is earlier, has a smaller neck, is of perfect globe shape and uniform in shape and color. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 10c. By express, 5 lbs., \$8.75.

White Portugal, or Silverskin.—Early, mild flavored; excellent for sets and pickling; fine Onions from seed the first year. Lb., \$1.65; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c. By express, 5 lbs., \$7.50.

SOUTHPORT WHITE GLOBE.—This is the handsomest Onion we sell. Our seed is of the true globe form, pure white, hard, small-necked, ripening very early and evenly; it is a good keeper. If your market requires a white Onion, there is none better. Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c. By express, 5 lbs., \$10.00.

Philadelphia Silverskin.—The variety for white sets. Philadelphia gardeners plant no other. Our seed is the product of true stock. Lb., \$1.75; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c. By express, 5 lbs., \$8.00.

Extra Early Pearl.—Pearly white, very early, of medium size and sweet flavor; most desirable for home use. Lb., \$2.25; ¼ lb., 65c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Vaughan's Early Pickling.—A pure white, hard, small Onion, round as a marble; most desirable for pickling purposes, having that sweet, nutty, crisp flavor so much liked in pickled Onions. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c. By express, 5 lbs., \$9.00.

White Barletta.—This variety is two weeks earlier than the White Queen. It is a beautiful waxy white color and grows 1¼ inches in diameter and ¾ of an inch thick, with finely formed bulbs, slightly flattened at the top. Its earliness will highly recommend its use as a substitute for Onion sets, and it is splendid for pickles. Lb., \$2.00; ¼ lb., 55c.; oz., 15c.; ½ oz., 10c.; pkt., 5c. By express, 5 lbs., \$9.00.

WHITE QUEEN.—Remarkable for its earliness and very mild flavor; it is small and white skinned; the leading variety for pickling purposes. Lb., \$1.85; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c. By express, 5 lbs., \$8.50.

White Victoria.—Oval shape; the skin is silver-white, with sometimes a shading of a delicate light rose color. Flesh, white, juicy and sweet; grows to weigh three pounds under ordinary cultivation. Lb., \$1.85; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

:-: LARGE RED WETHERSFIELD. :-:

The most profitable Red Onion for the market gardener.

Our strain is unsurpassed; the seed was saved from the largest Onions of perfect shape and deepest color. Where your market favors this kind, use our seed; its prolific habit, fine dark color and even type are just what you want. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$4.00.

Early Red Globe.—Very early; a great favorite in the best Onion growing districts. Market gardeners have made on our "West Market," Chicago, \$40.00 from ¼ pound of our seed marketed in advance of all other Onions. Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c. By express, 5 lbs., \$10.50.

Extra Early Flat Red.—Very early, dark red, small necks. Lb., \$1.15; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Southport Large Red Globe.—The best and largest red globe Onion for winter. Perfect globe; thin necks, deep red; extra fine. Lb., \$2.65; ¼ lb., 70c.; oz., 25c.; ½ oz., 15c.; pkt., 5c. By express, 5 lbs., \$12.60.

Giant Brown Rocca.—A fine globe-shaped variety of mild and delicate flavor. Immense size, sometimes three pounds, skin light brown; an excellent keeper. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Red Victoria.—Skin very dark red, flesh light rose or white; flavor mild and sweet. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

:-: FANCY YELLOW GLOBE DANVERS. :-:

We consider it the best of all Danvers Onions.

The shape is uniformly round, color a fine brown-orange-yellow. The entire crop ripens down at one time and winters well. No gardener can afford to experiment with doubtful seed when this stock can be had. Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c. By express, 5 lbs., \$6.50.

Yellow Globe Danvers.—This strain of Globe Danvers is equal to any usually sold, and may be relied upon as a first-class cropper in every way. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$4.00.

:-: SOUTHPORT YELLOW GLOBE. :-:

A main crop, late, large, round Onion. It is sure to satisfy the one who buys a packet or the one who sows fifty pounds for carload shipments. A truly grand Onion whose large, golden-yellow spheres make a beautiful appearance, sacked or barreled for the market. It is the finest of all yellow Onions for keeping. Lb., \$1.65; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c. By express, 5 lbs., \$7.60.

Yellow Strassburg.—(YELLOW DUTCH.) Later, flatter and larger than Yellow Danvers. This is the kind to sow for sets. Lb., \$1.10; ¼ lb., 30c.; oz., 15c.; pkt., 5c. By express, 5 lbs., \$6.00.

Giant Yellow Rocca.—Very handsome shape, with flattened top, small neck and bright yellow skin; grow 9 inches in diameter. Lb., \$1.65; ¼ lb., 45c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

Flat Yellow Danvers.—Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

NEW ONION "BOUNTIFUL." This new Onion is an improved Prizetaker. It grows to an enormous size and weight. The Onions are globe-shape, straw-color, very mild in flavor and will keep as long as any other variety that is much stronger in flavor. We recommend this sort both to gardeners and for the home garden. Price, ½ lb., \$1.50; ¼ lb., 85c.; 2 ozs., 50c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.



PRIZETAKER ONION. THE GENUINE. The Handsomest, Largest Yellow Globe Onion...

An excellent keeper, of finest flavor, handsome shape and enormous size, many single Onions having been raised to weigh five pounds and over from seed the first year. It is of the same type as those immense imported Onions which can be seen in fruit stores and always command a very high price. The Prizetaker grows always to a perfect globe shape, with a bright straw-colored skin, the necks are very small and the Onions always ripen up hard. Ours is American-grown seed.

5 lbs., by express, \$8.00; postpaid, lb., \$1.75; ¼ lb., 50c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

MAMMOTH SILVER KING.

This mammoth variety is one of the largest in cultivation, averaging from 15 to 22 inches in circumference and often weighing from 2½ to 4 pounds each. It matures early and is of uniformly large size and fine shape, being flattened, but thick. The skin is of a beautiful silver-white, flesh snowy and tender, of mild, sweet flavor. Its striking size and handsome appearance, as well as mild flavor recommend it for exhibition at fairs, for the fancy market as well as the table. 5 lbs., by express, \$8.00; postpaid, lb., \$1.75; ¼ lb., 50c.; oz., 15c.; ½ oz., 10c.; pkt., 5c.

BERMUDA ONIONS.

These Onions grow to an immense size and are of beautiful form. The skin is very thin, flesh white, fine grained, of mild and pleasant flavor. It will grow an Onion from 1 to 1½ pounds from seed, but to attain full size, set out the bulbs the following Spring. White or Red.

Price, each, lb., \$1.60; ¼ lb., 45c.; oz., 15c.; pkt., 5c.

THE EARLY CRACKER ONION.

It is the earliest of all our yellow sorts, of superior quality, and like the Early Flat Red is an excellent kind to raise where the seasons are short and often profitable to the market gardener who brings the first ripe Onions to market.

Lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 5c., postpaid. By express, at buyer's expense, 5 lbs., \$6.50.

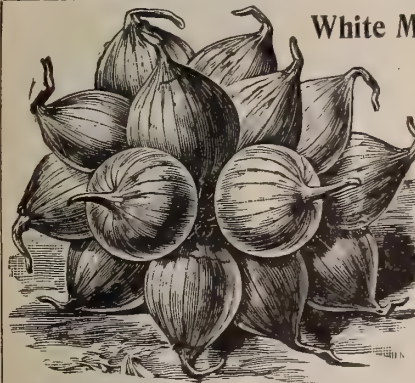
We sell Bottom Onion Sets, Shallots, White Multipliers and Potato Onions by measure, Top Sets by weight, (28 lbs. to the bush).

ONION SETS.

Pint and quart prices include postage; pecks and bushels are at buyer's expense. Write for latest market prices on bushel and barrel lots.

CHICAGO is rapidly becoming known throughout the West and South as headquarters for choice, reliable Onion sets. Our sets are grown by experienced gardeners from our own seed and are carefully dried, graded and stored by us. We can ship at any time, having now on our storage racks very choice, small, dry sets of all kinds. Of course, bushel lots and upwards are subject to market changes, but we will maintain prices here given as long as possible. Remember, we are anxious to sell and if you think our rates too high when you are ready to buy, write us for lowest present market prices, stating amount wanted. Send for samples.

White Multiplier Onion Sets.



Green Onions for First Early Spring Bunching.

They are of a pure silvery-white color, enormously productive, frequently producing as many as twenty bulbs in a single cluster from one bulb planted; of excellent quality and size for bunching. Their keeping qualities are remarkable, having kept perfectly sound for a year, but their most important quality is extreme earliness, being ready for market three to four weeks ahead of other Onion Sets.

By freight or express, bu., \$4.50; peck, \$1.20; ½ peck, 70c.; postpaid, quart, 35c.; pint, 20c.

SHALLOTS, or Yellow Multipliers.—Bushel, \$2.25; peck, 65c.; ½ peck, 35c., by express or freight. By mail, postpaid qt., 25c.; pint, 15c.
Yellow Potato Onion Sets.—They produce large, dry, ripe Onions earlier than any other kind. Bu., \$3.00; peck, 85c.; ½ peck, 50c., by express. By mail, postpaid, quart, 30c.; pint, 18c.

Red Top Onion Sets.—These are planted to produce both early "green Onions" and large eating Onions. By express or freight, bush., \$2.50; peck, 75c.; ½ peck, 45c. By mail, postpaid, quart, 30c.; pint, 18c.

Egyptian, or Perennial Onions.—This variety never forms a large bulb; their value lies wholly in their special adaptability for producing green Onions for Spring or Fall use. They are perfectly hardy and stay in the ground all the time. Top sets by express, bush., (28 lbs.) \$2.00; peck, 60c. postpaid, quart, 25c.; pint, 15c.

ONION SETS are subject to market changes, and while we shall try to maintain the above prices, we cannot guarantee them to last throughout the season and advise early orders. "By express or freight" always means the purchaser pays the transportation charges.



BOTTOM ONION SETS.

These are the product of seed and are used for "green onions" or to produce large Onions which they do much quicker than can be grown from seed.

WHITE BOTTOMS. Our sets of this are very choice, small, dry and unsprouted. Bushel, \$2.50; peck, 70c.; ½ peck, 45c., by express or freight. Quart, 30c.; pint, 18c., by mail, postpaid.

YELLOW BOTTOMS. Fine, dry sets, medium in size and unsprouted. Bushel, \$2.25; peck, 65c.; ½ peck, 40c., by express or freight. By mail, postpaid, quart, 30c.; pint, 18c.

RED BOTTOMS. Bright, deep red in color, even and dry; these are scarcer this year than the White Bottom sets. Bush., \$2.25; peck, 65c.; ½ peck, 40c., by express or freight. By mail, postpaid, quart, 30c.; pint, 18c.

Special Offer.

	By mail, postpaid.	By express, at buyer's exp.
One pint each White, Yellow and Red Bottom Sets	\$0.45	\$0.30
One quart " " " " " "	.75	.55
Four quarts " " " " " "		1.00
One peck " " " " " "		1.70



* VAUGHAN'S *

Improved Sweet Mountain.

It is a strong grower, very productive and of excellent quality. The peppers when young are of a bright deep green color, without any shade of purple; when ripe they are of a beautiful red; the flesh is thick, sweet and mild. They often grow 6 inches long by 4 inches through. Our strain has been selected with great care, and we know no better seed can be had.

Lb., \$3.00; ¼ lb., 85c.; oz., 30c.; ½ oz., 20c.; pkt., 10c.

Large Bell, or Bullnose.—We have an extra choice stock of this old favorite sort. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Spanish Monstrous.—Growing 6 to 8 inches long and 2 to 3 inches thick; early, very sweet and mild. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Golden Dawn.—Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

Red Cluster.—Pungent. Oz., 25c.; pkt., 5c.

Cayenne Long Red.—The true Cayenne, hot and pungent. Lb., \$2.25; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

PEPPER.

**Pepper, Cayenne Pickling.**

Of dwarf habit and does not branch very much but unlike the ordinary Cayenne, the peppers grow erect on the plant and are about 2½ inches long; just the right size for pickling.

Pkt., 10c.; ½ oz., 15c.; oz., 30c.

**CHERRY PEPPER.**

A rank grower and very prolific, yielding about eight times as many peppers as Cayenne. Peppers are small and round, being a trifle larger than the ordinary cherry. This is also good for pickling.

Pkt., 10c.; ½ oz., 15c.; oz., 25c.; ¼ lb., 75c.

**RUBY KING.**

Grows 4½ to 6 inches long by 3½ to 4 inches thick. The Peppers are a bright, ruby red, of remarkably mild taste; one of the best for stuffed pickles.

Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; ½ oz., 12c.; pkt., 5c.

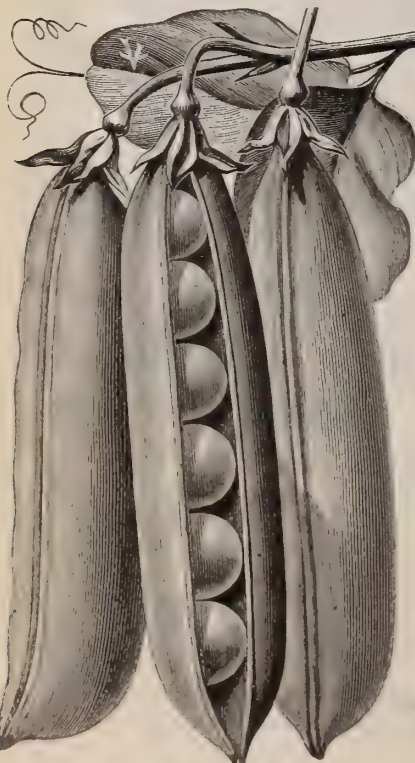
Elephant's Trunk.—Peppers from 8 to 12 inches long, bright scarlet, mild. Oz., 30c.; ½ oz., 15c.; pkt., 5c.

Fancy Wrinkle.—Small, turban-shaped peppers, very handsome. Oz., 30c.; pkt., 10c.

Coral Gem Bouquet.—This is the finest of the small sized varieties. As a *pot plant* it has proved a most rapid selling article, for besides its great beauty, it serves the housekeeper when pods are wanted for seasoning. Pkt., 10c.; ¼ for 25c.

Peppers Mixed.—Includes many new and odd sorts. Pkt., 10c.

..PEAS..



MAUD S.

Our Pea Prices for packets only include postage, other prices are net. If to go by mail, add at the rate of 8 cents per pint or 15 cents per quart for postage. "By freight or express" always means that the transportation charges are to be paid by the purchaser.

* Figures preceding the names indicate the height in inches. Wrinkled varieties are marked thus.*

EXTRA EARLY VARIETIES.

	Pkt.	Pt.	Qt.	½ Pk.	Pk.	Bus.
26 in. MAUD S. ....	.10	.15	.25	.70	1.15	4.00
28 in. Alaska, or Earliest of All ..	.10	.12	.20	.60	1.00	3.00
14 in. *Little Gem .....	.10	.12	.20	.60	1.00	3.50
14 in. *Extra Early Premium Gem ..	.10	.12	.20	.60	1.00	3.50
30 in. First and Best .....	.05	.10	.15	.50	.85	3.00
11 in. Tom Thumb .....	.10	.15	.25	.70	1.20	4.50
10 in. *American Wonder .....	.10	.12	.20	.65	1.15	4.00

SECOND EARLY SORTS.

18 in. *Abundance .....	.10	.12	.20	.60	1.00	3.50
28 in. *Yorkshire Hero .....	.10	.12	.20	.60	1.00	3.50
20 in. *Horsford Market Garden ..	.10	.12	.20	.60	1.00	3.50
12 in. *French Canner, Petit Pois ..	.05	.10	.15	.45	.75	2.50
24 in. *McLean's Advancer .....	.10	.12	.20	.60	1.00	3.50
24 in. *Juno .....	.10	.12	.20	.65	1.15	4.00
30 in. *Shropshire Hero .....	.10	.12	.20	.65	1.00	3.50
30 in. *Sharp's Queen .....	.10	.15	.25	.75	1.25	

GENERAL CROP AND LATE VARIETIES.

TELEPHONE, select'd stock ..	.10	.12	.20	.65	1.10	4.00
36 in. Long Island Mammoth .....	.10	.15	.25	.70	1.20	4.50
24 in. *Pride of the Market .....	.10	.15	.25	.75	1.25	4.75
24 in. *Everbearing .....	.10	.12	.20	.60	1.00	3.50
50 in. *Champion of England .....	.05	.12	.20	.55	.90	3.25
36 in. Black-Eyed Marrowfat .....	.05	.10	.15	.35	.65	2.00
30 in. Dwarf Gray Sugar .....	.10	.12	.20	.60		
50 in. Tall Gray Sugar .....	.10	.12	.20	.60		
50 in. Melting Sugar .....	.10	.15	.25	.70		

CANADA FIELD PEAS. Write for Market Price.

New Dwarf Telephone.

Height under high cultivation, 18 inches. Habit, dwarf, stocky, healthy and vigorous, remarkably uniform in height, with almost no tendency to sprout; very productive, plants frequently bearing from 5 to 7 pods. Season, medium, from 5 to 7 days earlier than Stratagem. Pods long, frequently 5 inches in length, broad, straight, rounded or curved at the end, remarkably well filled, often containing 10 Peas. Color, pale green, thick and of good lasting quality for market purposes. Seed, of largest size, tender and of delicious flavor; when fit for the table, light green. Price, pkt., 10c.; pint, 15c.; quart, 30c.; ½ peck, 95c.; peck, \$1.70; bush, \$6.50. If by mail, add 8c. per pint or 15c. per quart for postage.

New Pea "Victory."

This is, without doubt, one of the most productive and valuable of the medium late Peas. It grows to a height of 18 inches, bears large, broad pods containing from 7 to 9 large Peas of the finest quality. It has dark and strong foliage and the blossoms are produced mainly on the top of the vines. When known, this Pea will replace the Telephone and others of its class, as it is much more productive and of far better quality. Pkt., 10c.; pint, 25c.; quart, 40c.; postpaid. By express, at buyer's expense, pint, 15c.; qt., 25c.; peck, \$1.25; bu., \$4.50.

New Extra Early Pea—GRADUS.

This new first-early wrinkled pea, which is almost identical with the new sort called "Prosperity" is an extra heavy yielder. The peas are large and delicious and is only three days later than the small round extra early kinds. We call it the earliest large-podded pea in existence. The pods are uniformly large and are well filled with large, luscious peas. Gardeners and private planters should have them. Per ½ pint, 15c.; pint, 30c.; quart, 60c., postpaid. By express, pt., 22c.; qt., 35c.; ½ pk., \$1.60; pk., \$3.00.

THE 3 BEST PEAS

For the
Home Garden.

These can all be planted at the same time, and they will be ready for use in succession.

Nott's Excelsior. The Earliest and Best Dwarf Pea in Cultivation.

Height, 15 inches. As hardy as the earliest market sorts, but in quality equal to the Little Gem. It outyields that variety and the American Wonder 20 to 30 per cent. The pods are one-third longer, and each pod contains from 6 to 8 large peas which are tender and of unusually fine flavor.

Price: By mail, postage included. Pkt., 10c.; pint, 23c.; qt., 40c.; By express or freight at buyer's expense. Large pkt., 10c.; pint, 15c.; quart, 25c.; ½ peck, 70c.; peck, \$1.20; bushel, \$4.25.

Heroine. This is without doubt the best of all second early Peas. It combines both quantity and quality of yield.

It grows very uniformly, about 2½ feet high, bearing a profusion of large, long, pointed pods, containing from 7 to 9 large peas of finest quality. The quality is of the very best. We recommend it with confidence, knowing well it will give satisfaction.

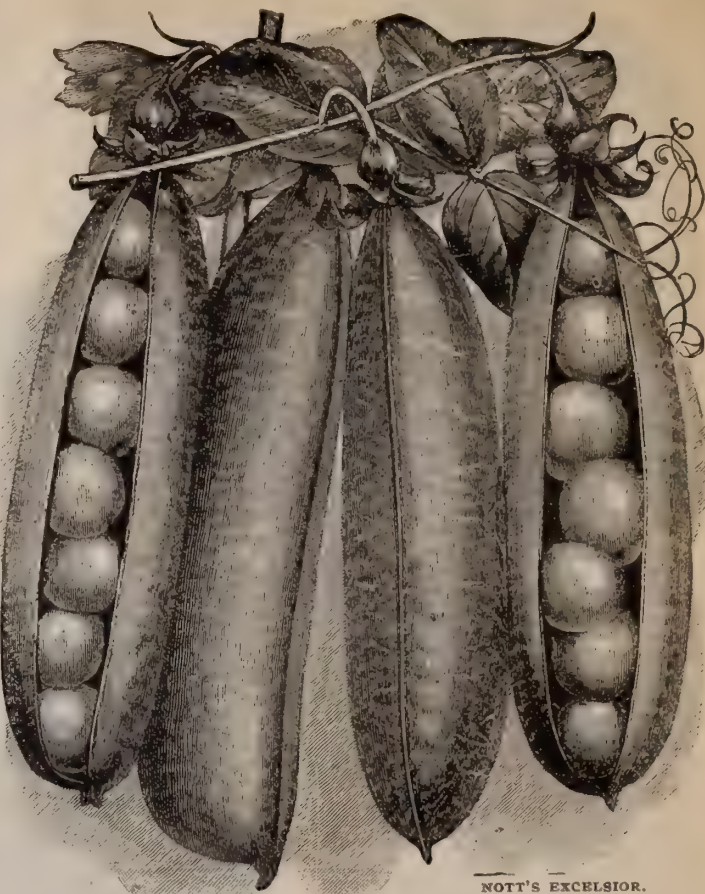
Price: By mail, postage included. Pkt., 10c.; pint, 20c.; qt., 35c.; By express or freight at buyer's expense. Large pkt., 10c.; pint, 12c.; quart, 20c.; ½ peck, 65c.; peck, \$1.00; bushel, \$3.50.

Improved Stratagem. The best of the large-podded late sorts.

The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, which impaired its usefulness. The improved Stratagem has all the sterling qualities of the original type and is one of the heaviest yielder. The vines are of medium height, very stocky, the pods are of immense size, well filled with very large, dark green peas.

Price: By mail, postage included. Pkt., 10c.; pint, 23c.; qt., 40c.; By express or freight at buyer's expense. Large pkt., 10c.; pint, 15c.; quart, 25c.; ½ peck, 70c.; peck, \$1.20; bushel, \$4.00.

SPECIAL OFFER!		By Mail.		By Express	at buyer's expense.
		\$0.25	\$0.20		
	One pkt., each of the three Peas,	\$0.25	\$0.20		
	One pint " " " "	.55	.30		
	One quart " " " "	1.00	.55		
	½ peck " " " "		1.70		
	One peck " " " "		3.00		
	One bush. " " " "		10.50		



NOTT'S EXCELSIOR.

The 3 Best PEAS.

FOR THE
Market Gardener.

MAUD S.

"Earliest
in the
World."

Price:

Early Peas are kept true, pure and uniform only by the most careful attention to "rogueing" the growing crops; pulling out every plant not true to type. Of course the strain must be right at the start and then kept so. Our **Maud S.** is right, the earliest of the early round peas, pure, uniform and even. It is a vigorous grower, vines about thirty inches high, while its **uniformity of ripening** makes it the **most profitable Pea** for the market gardener. There is no better pea for first early than **Maud S.** for the market, while we would recommend for the home garden Nott's Excelsior, or American Wonder, which do not yield quite so heavily, but are sweeter.

By mail postage included, pkt., 10c.; pint, 22c.; quart, 40c.
By express, at buyer's expense, large pkt., 10c.; pt., 15c.; qt., 25c.; ½ pk., 70c.; peck, \$1.15; bu., \$4.00.

Vaughan's Sweet Market.

The Best and Sweetest
of all Second Earlies.

In earliness, when planted with the first early varieties, "First of All" and "Alaska," it follows immediately, being ready to pick for the table as the early ones are gone and continuing to bear longer than most of the other varieties. The vines are vigorous in habit of growth, branching freely at the root, growing to 2 to 2½ feet high and have a very robust appearance generally.

In productiveness it is not lacking, as it has been tested at the side of nearly all the standard sorts and found in the lead. We have found in a number of cases, by actual count, from 70 to 85 pods on a single plant, and in a great many cases more than fifty pods on one plant. In table quality it does not follow, it leads. The only adverse criticism we have received is, in one or two cases, it was reported "too sweet." We are free to say that in quality it is simply superb; which for the home garden and home market is of the greatest importance; while in the shipping trade the orders are frequently annotated "send us sweet peas." This fills the bill. The peas are of very large size, the largest of any second early sorts, if not the largest of any, early or late. The pods are of medium size, seldom more than six peas, and more commonly four or five to the pod. **Price:** By mail, postage included, pkt., 10c.; pint, 25c.; quart, 45c. By express, at buyer's expense, large pkt., 10c.; pint, 15c.; quart, 30c.; ½ peck, 90c.; peck, \$1.60; ½ bushel, \$2.75; bushel, \$5.00.

TELEPHONE.

Selected Stock.

The Best for
General Crop.

SPECIAL OFFER!

Maud S.

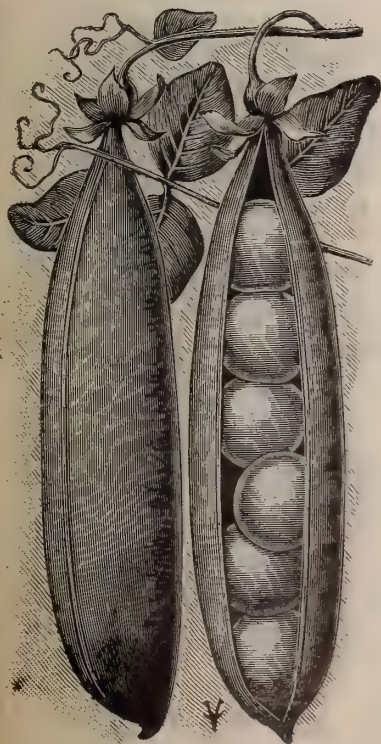
Vaughan's Sweet Market
and Telephone.

The vines and leaves are large and coarse, the pods are large, nearly straight and are well filled with large and tender peas, which are sweet and of excellent quality. The pods are of fine appearance and with the fine quality of the peas, make it one of the best, if not the best late pea for the gardener. Much spurious stock has been sold, but our stock has been selected with utmost care and will give entire satisfaction.

Price: By mail, postage included, pkt., 10c.; pint, 20c.; quart, 35c.
By express, at buyer's expense, larger pkt., 10c.; pint, 12c.; quart, 20c.; ½ peck, 65c.; peck, \$1.10; bushel, \$4.00.

By Mail By express
Postpaid. at buyer's
expense.

One pkt.,	each, of above 3 kinds,	\$.25	\$.20
One pint,	" " "	.55	.30
One quart,	" " "	1.00	.55
Four quarts,	" " "		1.75
One peck,	" " "		3.25
One-half bu	" " "		6.00
One bushel,	" " "		11.00



VAUGHAN'S SWEET MARKET PEA.

MANY THOUSANDS OF BARRELS



of Seed Potatoes are annually sold by seedsmen and commission dealers under spurious names, picked up on the market at a guess or mis-named out of the storage bins. We have, on the contrary, always contracted for our potatoes, supplying OUR OWN STOCK SEED, and requiring that small, prongy or scabby ones be rejected from the crop. Potato growers of experience, with good soil and favorable conditions, have again made money in growing them. Potatoes will again bring good prices during the coming twelve months. We advise those who know how and have the soil, to plant for 1899 VAUGHAN'S SEED POTATOES at these favorable prices.

For 15 Years

stock furnished all that time. We may not be "Potato experts" or "the largest dealers in the world," but we can refer you to some reliable buyer in any neighborhood who will certify to the quality we send out. Kindly remember this when you are about to buy Seed Potatoes.

J. C. Vaughan



The prices on our potatoes are f. o. b., Chicago. If to be shipped from New York, add 50 cents per barrel, and 20 cents per bushel; peck and 1-2 peck prices are the same.

VAUGHAN'S IMPROVED EARLY OHIO.

If we were inclined to multiply names of varieties we should in justice to ourselves, give this strain a name to indicate its distinctiveness from the old Ohio, which formerly was so well established in favor among planters, and yet stands high as an early market variety where our Improved Ohio is not known. We have grown this improved strain for the past seven years, eliminated the split ends, which were so distinctive a mark of the Old Ohio, and obtained tubers smoother skinned and more uniformly shaped than the original variety and increasing its yielding qualities one-third, so that we now have the finest stock of unmixed and genuine Improved Ohios in the country. Eastern "Ohios" planted beside ours the past season exhibited entirely different habit of growth, color of foliage, and were much later in maturing. On account of its vigorous growth, uniformly good cropping quality and extreme earliness it will amply repay cost of purchasing Northern seed every spring. The value of the extra early crop makes cost of seed a small consideration.

PRICE, 25 bbls., \$65.00; 10 bbls., \$27.00; 5 bbls., \$14.00; bbl., \$3.00; bush., \$1.25; ½ bush., 70c.; peck, 35c.; ½ peck, 25c.; if from New York add 50c. per bbl. and 20c. per bushel.

IMPROVED EARLY OHIO. SECOND SIZE.

We have a few hundred bushels of clean, healthy, medium sized tubers of this variety, true stock, which we quote at \$2.50 per bbl.; 10 bbl. lots, \$23.00.

NOTT'S EARLY PEACH BLOW.

In this grand new seedling we retain the form, color, and quality of the old favorite and increase its productiveness more than fifty per cent. It is very early, grows compactly in the hills, hence easy to dig. It has all the fine cooking and keeping qualities of the original Peachblow—Stock scarce.

Bush., \$4.00; ½ bush., \$2.50; peck, \$1.50; ½ peck, 85c.; lb., postpaid, 35c.; 3 lbs., prepaid, 75c.

CARMAN NO. 3.

Quality, no hollow center or hard core. Skin and flesh white, eyes few and shallow. Bbl., \$3.00; bushel, \$1.25; ½ bushel, 70c.; peck, 40c.; ½ peck, 25c.

THE ACME.

The most Profitable Early Potato.

"Fit to eat in five weeks and full crop matured in nine weeks from planting," has stood at the head of our description of this Potato since its introduction, but this does not cover all its good qualities. While the above sentence literally describes its earliness and time of maturing, the other points of a good potato stand out as conspicuously as its extreme earliness.

In yield it ranks with the medium and late ripening varieties—a rare quality in such an extremely early kind. Its quality is of high excellence, cooking "mealy," and of fine flavor even when not matured. In appearance smooth and shallow-eyed, bright and shapely, and sells for highest prices on the early market; of thrifty growth, and the tubers grow compactly in the hill, making digging easy. Potatoes uniform, hardly any second sized ones even in poor seasons, when yield is smaller, the tubers may set fewer in the hill, but there is no small nor unsalable stock. Keeps as late in the spring as later kinds.

(There is spurious round shaped stock on the market—Beware of it.)

PRICE, 5 bbls., \$15.00; bbl., \$3.25; bush., \$1.25; peck, 40c.; ½ peck, 25c.; by express or freight, at buyer's expense. By mail, postpaid, 1 lb., 25c.; 3 lbs. for 60c. If to be shipped from New York City add 50c. per barrel to these prices.

IMPROVED ROBBINS

POTATO PLANTER.

A two-wheeled riding planter, practical in every way, and which has given the best of satisfaction in actual operation. There are three sizes of wheels for carrying the seed, suitable for cut seed, for medium and for large tubers. The operator can easily know that the seed is actually deposited in the furrow. The great advantage of the use of this ideal machine is in planting promptly, with as little delay as possible, when the soil is just right. The machine plants easily from four to seven acres per day perfectly. Write for full illustrated description.

PRICE, on cars at Chicago, \$55.00.

This is Mr. Carman's grand success in breeding up a late main crop variety, and it is the coming standard potato everywhere. In it he has succeeded in fixing those desirable points, so valuable to every potato grower. 1. Very Large and Handsome. 2. Remarkably Productive. 3. All Large Tubers and Compact in a Hill. 4. High Table

VAUGHAN'S NORTHERN GROWN POTATOES.....Continued.



All varieties are true to name and are grown from our own stock seed. **We do not substitute, or rename kinds** in any case. Kindly mention your second choice in case we may be sold out of the kind wanted, if you order late.

The prices on our potatoes are f. o. b., Chicago. If to be shipped from New York, add 50 cents per barrel, and 20 cents per bushel; peck and 1-2 peck prices are the same.

KAISER KRONE.—Earliest floury, prolific potato of finest flavor. Received certificate from the Society of Promotion of Horticulture in Prussia as the best novelty. It is disease-proof, and yielded from thirty to forty fold. Shape oval, skin somewhat rough, flesh white, eyes flat. Prefers a light soil. Imported and grown by us this season. Peck, \$1.50; ½ peck, 85c. If prepaid, 1 lb., 35c.; 3 lbs., 85c.

LAKESIDE CHAMPION.—The most valuable medium late Potato for light soils and dry seasons we have on our list. It is remarkably drought resisting, and in the past dry season, with a general shortage in yield of even such good kinds as the Carman's Rural New Yorker No. 2 etc., our crop was as large as usual, tubers weighing from one to three pounds were found frequently. It is of the color of the Beauty of Hebron, of splendid eating quality; a most splendid keeper. Price, bbl., \$3.50; bush., \$1.50; ½ bush., 85c.; peck, 45c.; ½ peck, 25c.

HEWES' SEEDLING.—This is a close relative of the Ohio family. It is much like the Acme, and resembles the Early Market in the habit of stalk and blossoms. It is extremely early and very pure stock, free from intermixture; quality choice. The **Hewes' Seedling** deserves a place in the potato field with every admirer of the Ohio class of early market potatoes. Bbl., \$4.50; bush., \$1.80; ½ bush., \$1.00; peck, 60c.; ½ peck, 35c.

QUICK CROP.—It is, as its name would suggest, a remarkably quick grower, of the most approved shape, viz: a very smooth, full, oblong tuber, with no slim points or projections to waste. Sufficiently elongated to make a good baker, it is not too much so to serve well boiled. In color it somewhat resembles the Hebron, but is a little more clouded than that variety; when cooked the flesh is pure white, dry and flaky. Price, bush., \$1.50; ½ bush., 85c.; peck, 45c.; ½ peck, 25c.

AMERICAN WONDER.—A good all around, productive, late variety for general field culture. The tubers are white, large and uniform in size, elongated, slightly flattened; few eyes, nearly flush with the surface; quality excellent, either baked or boiled. Price, bbl., \$3.00; bush., \$1.50; ½ bush., 85c.; peck, 50c.; ½ peck, 30c.

RURAL NEW YORKER No. 2.—It is very large, usually smooth, with few and shallow eyes; form oblong, inclined to round and rather flattened. Skin and flesh white, quality excellent, season intermediate. Tubers of great uniformity in size, almost every one marketable. It is taking a leading place as a standard field cropper. Price, bbl., \$3.00; bush., \$1.25; ½ bush., 70c.; peck, 40c.; ½ peck, 25c.

GREAT DIVIDE.—A splendid variety for the main crop. Tubers long and handsome, smooth; vine very large and strong. Tubers close in the hill, quite numerous, and all good sized. A splendid yielder. Resembles Burbank, but surpasses it in quality and yield. Tubers are not as smooth as usual this year. Price, bush., \$1.50; ½ bush., 85c.; peck, 45c.; ½ peck, 25c.

ALEXANDER'S PROLIFIC.—We recommend this as one of the best of our entire list. Excels most kinds in productiveness. Skin white, well covered with rough netting, eyes few and lie even with the surface; flesh pure white, of finest flavor; fine grained, dry and floury. Being long, large and white, it brings the highest market price. Price, bbl., \$3.00; bush., \$1.40; ½ bush., 80c.; peck, 45c.; ½ peck, 25c.



KAISER KRONE.

TRIUMPH.—An extra early, reddish skinned variety, extremely popular in the South and Bermuda for the first early market, yields only fairly, but its extra earliness and bright attractive appearance makes it an ideal "New Potato" when they first come into the market in the summer. Price, bush., \$1.50; ½ bush., 80c.; peck, 45c.; ½ peck, 25c. In New York, per bbl., \$3.50.

EARLY NORTHER.—A Main type of Early Rose produced from a seed ball of that kind, and of fully as much strength and life, evidently as was the parent kind. Every one who likes the Early Rose Potato should get the seed of this at once. Our seed is very choice in size and appearance. The tubers are rather rough this year. Price, bbl., \$3.25; bush., \$1.40; ½ bush., 85c.; peck, 45c.; ½ peck, 25c.

THE BOVEE.—Advertised as "The Earliest of All, a Great Cropper, and of Unsurpassed Quality." Has the habit of growing closely on the hill like Acme and Ohio, and is a productive and good quality potato. We find it in general habit much like the Acme, one careful grower claiming it to be identical. The tubers are only of medium size this year. Price, bbl., \$3.25; bush., \$1.40; ½ bush., 85c.; peck, 45c.; ½ peck, 25c.

Seed Sweet Potatoes.

AFRICAN BUNCH YAM. (Vineless.)

Entirely vineless, having a short bunchy upright top. A rapid grower so that it matures in a short season, will ripen further north than any other sweet potato. A prolific bearer of long, yellow, sweet and rich tubers. Stands drought; no vines to run. Spaces between the rows can be double cropped. The best and earliest acquisition in the Sweet Potato line for years, but succeeds only on light sandy sweet potato ground; a failure on moist cold ground.

Price, bbl., \$4.50; bush., \$2.00; ½ bush., \$1.15; boxed.

OTHER VARIETIES.

(Prices subject to market changes.) Grown, stored and handled especially for seed purposes. None shipped until about planting time in the latitude of Chicago; earlier shipments can be made to the south, but not packed with other seeds. They should always be sent by express to long distance points. Drop us a line about 5 days before you want your order shipped. We assume no responsibility for rot after leaving our hands. **YELLOW NANSEMOND OR JERSEY, EXTRA EARLY CAROLINA, RED NANSEMOND, EARLY RED JERSEY, BERMUDA.**

Price, yellow sorts, bush., \$1.85, boxed; ½ bush., boxed, \$1.00; bbl., \$3.75; 3 barrels, \$10.25. Special prices on large lots.

SWEET POTATO PLANTS.

One Hundred Sweet Potato Plants well attended to will produce several bushels of tubers, and should be grown by every one who has a kitchen garden. Price, when in season, 55c., per hundred, postpaid.

VAUGHAN'S FANCY GRADED SEED POTATOES must not be compared with ordinary Wisconsin grown stock. If general crop quality is wanted, as bulked at La Crosse and some other points, we can often quote them at from 75c. to \$1.00 per barrel less than these prices.

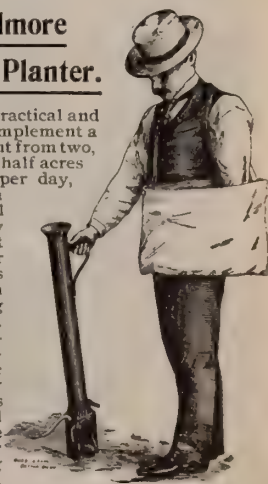
Humphrey's Concave Potato Knife.



Price, each, 30c.; 3 for 75c., postpaid.

Economy of seed and proper size and shape of cut pieces are subserved by the use of this knife in preparing Potatoes for planting. Will cut to one or more eyes without injuring the vital tissues. Practical planters state that besides the quantity of seed saved there is a gain in the product from a given weight of seed cut by this method.

The Delmore Potato Planter.



With this practical and convenient implement a man can plant from two, to two and a half acres of potatoes per day, placing them in damp soil uniformly and at just the proper depth. This insures an even starting of the crop. Many farmers have discontinued the use of their horseplanters and adopted **The Delmore** as cheaper and doing better work. Thousands have been sold to practical planters and have given universal satisfaction. Price.....by freight or express, \$1.50 With Sack for Carrying Seed, 2.00

DISCOUNTS ON IRISH POTATOES.

We allow 5 per cent. discount on assorted barrel lots at single barrel prices when the order amounts to \$10.00 or over. Ten per cent discount on orders for \$10.00 and over if the order is made up at bushel or peck rates.

VAUGHAN'S * FRENCH GROWN * RADISH.

All our Radish seed is grown from extra selected transplanted roots, and is not to be compared with drilled stock offered at low prices because it is "cheap" seed. If ordered by freight or express deduct 8 cents per pound from prices quoted. Five-pound lots of one variety at 10 cents less per pound.



VAUGHAN'S EARLY SCARLET GLOBE
White Tip.

The Best and Quickest of the White Tips.

An extremely quick-growing sort; bright scarlet, with a white tip; short tops and thin tails; of excellent quality. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Scarlet Turnip, White Tip.—(Rosy Gem.) Select stock. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

EARLY SCARLET GLOBE.

A desirable Turnip sort for hot-bed forcing and out doors; very early; flavor mild, crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape; is ready in 28 days. Lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



IMPROVED BREAKFAST.

Its color is very deep, glossy crimson. The white is well defined and contrasts very pleasingly with the deep red of the upper part. One of the best early Radishes for family use.

Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

LONG WHITE VIENNA.—One of the finest of long white Radishes. Snow-white, very brittle and crisp; of beautiful shape and rapid growth. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

	Oz.	¼ Lb.	Lb.
Earliest Carmine Erfurt. A very fine Turnip Radish.	\$0.10	\$0.20	\$0.60
Bertram Forcing. One of the best forcing. Turnip shape.	.10	.25	.85
Non Plus Ultra. Rich scarlet, Turnip shape; good forcer.	.10	.20	.65
Early Deep Scarlet Turnip. The old stand-by.	.05	.15	.50
Early White Turnip.	.05	.15	.50
Olive-Shaped Deep Scarlet. Similar to our "20-Day."	.07	.15	.50
Olive-Shaped White.	.07	.15	.55
Half-Long Deep Scarlet.	.05	.15	.50
French Breakfast. Quick and handsome.	.05	.15	.50
Mixture of Turnip and Olive-Shaped Varieties.	.07	.15	.55
Half-Long Munich. A good Summer Radish.	.10	.20	.70
Early White Stuttgart. We have an extra selected stock.	.07	.20	.55
Black Summer Turnip.	.06	.15	.50
Yellow Summer Turnip.	.06	.15	.50
Golden Yellow Summer Turnip.	.07	.28	.55
Early Wood's Frame. A very good early long scarlet.	.07	.15	.50
Improved Chartier's. Long scarlet with a white tip.	.10	.20	.60
Long White Strassburg. Best market gardeners' stock.	.10	.20	.60
Long White Naples.	.10	.20	.60
Colorado Glass Radish. Long pink; crisp, brittle, mild.	.10	.25	.85

Price per Packet 3 cents for any of the above Radishes.



EARLY LONG SCARLET, SHORT TOP. VAUGHAN'S MARKET.

VAUGHAN'S MARKET.

The best early long white Radish, exceedingly tender and fine flavored. Half-long white Radish resembling the Strassburg in size, but of quicker growth; very smooth and regular in appearance, with pure white skin and exceedingly delicate and brittle. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

BRIGHTEST LONG SCARLET, or CARDINAL.

The handsomest and earliest. This new sort resembles the Early Long and earliest... Scarlet in shape and is fit for use in 25 days after sowing. Its color is the brightest scarlet we have ever seen in any Radish; the tails are tipped white. This sort outsells any other long Radish put in competition with it on the market and is an extra fine sort for the home garden; best quality. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

EARLY LONG SCARLET, Short Top.

The standard long variety for market and home gardens. Root long, growing partly above ground; straight, smooth, rich scarlet color; very crisp and a quick grower. Our seed is specially selected. Lb., 50c.; ¼ lb., 15c.; oz., 8c.; pkt., 5c.

Earliest White Radish. This is not only the earliest White Radish, but the earliest of any color, good sized Radishes having been pulled in from 15 to 18 days after sowing. The Radishes are pure white, oblong, crisp and tender. The tops are small, which renders them suitable for forcing and admits of close planting. Very desirable. Lb., \$1.25; ¼ lb., 35c.; oz., 15c.; pkt., 5c.



VAUGHAN'S EARLIEST CARMINE TURNIP

The best and quickest Early Scarlet Turnip Radish. Of extremely quick growth, maturing in about 3 weeks. Leaves very short, rendering them particularly adapted for forcing under glass; of superior flavor, crisp and tender; skin deep carmine red; very attractive. Also a splendid sort for the home garden.

Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

Earliest White Turnip Short Top.—(Philadelphia White Box.) Of quick growth; roots round, pure white; tails very thin; leaves short, flavor excellent. Fine for forcing and open ground.

Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.



VAUGHAN'S "20-DAY" RADISH.

The Quickest of all Red Radishes.

Quick Growth is one of the main essentials for a crisp and tender Radish. This matures in 20 days after sowing, which makes it one of the most valuable sorts for forcing or out-door culture. The flesh is pure white, crisp and of very pleasant flavor; the skin is a most attractive bright scarlet. The leaves are very short, which admits of very close sowing.

Lb., \$1.00; ¼ lb., 30c.; oz., 15c.; pkt., 5c.

WINTER RADISHES.

California Mammoth White Winter,

Or Large Russian. Growing to immense size; flesh very solid, white and of excellent flavor. Lb., 70c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

Rose, or Scarlet China Winter.

A good winter sort; sow in summer the same as turnips; flesh white and quite pungent. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 7c.; pkt., 3c.

LONG BLACK SPANISH.—Large; skin

black; flesh firm and white; milder than the Round Black Spanish; good sort. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

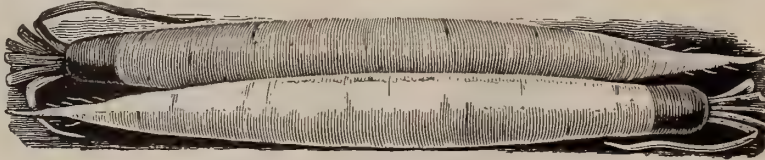
CHINESE MAMMOTH, or CELESTIAL.

This immense Winter Radish is one of the largest in cultivation. The flesh is white, solid, crisp and brittle, and of excellent quality. Sow the seed beginning of August. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 5c.; pkt., 10c.

ROUND BLACK SPANISH.

Round, firm, flesh white, appetizing; good keeper. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.

Long White Spanish.—Similar to the Long Black Spanish, but with clear, white skin. Lb., 50c.; $\frac{1}{4}$ lb., 15c.; oz., 6c.; pkt., 3c.



Sandwich Island Mammoth Salsify.

Spinach....

Special Prices for Large Lots.

Extra Large Round Leaf.—Our stock is very fine and select. 100 lbs., \$15.00; 10 lbs., \$1.75 by express. Lb., 35c.; $\frac{1}{4}$ lb., 12c.; oz., 5c., by mail.

Prickly Seeded.—Very hardy; good for Fall sowing. Lb., 40c.; $\frac{1}{4}$ lb., 15c.; oz., 5c.

Long Standing.—Slow going to seed. 100 lbs., \$15.00; 10 lbs., \$1.75 by express. Lb., 35c.; $\frac{1}{4}$ lb., 12c.; oz., 5c., postpaid.

Bloomsdale, or Savoy Leaved.—A well-known sort. 10 lbs., \$1.85, by express. Lb., 40c.; $\frac{1}{4}$ lb., 15c.; oz., 5c., by mail.

Monstrous-Leaved Viroflay.

Quick, strong growth; much used by New York truckers. 10 lbs., \$1.75 by express. Lb., 35c.; $\frac{1}{4}$ lb., 12c.; oz., 5c.

NEW ZEALAND.—This sort is grown to supply the place of the ordinary Spinach during the hottest months of the year, or in dry, arid localities where the ordinary Spinach does badly. The leaves are eaten boiled like those of the other kinds. Lb., 60c.; $\frac{1}{4}$ lb., 20c.; oz., 10c.; pkt., 5c.

TOBACCO--General Grant.

It produces leaves 44 inches long, of proportionate breadth, and matures its crop perfectly as far North as Duluth, Minn. Lb., \$2.50; $\frac{1}{4}$ lb., 75c.; oz., 25c.; pkt., 10c.

Connecticut Seed Leaf.

Best adapted to the climate of the Middle and Northern States, as it is hardier and endures cold better than others. Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c.



Pedigree Tobacco Seed.

Prices on all varieties: Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c., postpaid.

Primus.—Yields big crops of extra fine quality.

Harby.—A Turkish variety, stands heat and drought.

Brazilian-American.—Finest Brazilian strain.

Big Havana.—A hybrid Havana or Cuban seed-leaf.

Big Oronoco.

Salsify or OYSTER PLANT.

(Haferwurz.)

Generally known as the Oyster Plant. We esteem this to be a much better root for table use than the Parsnip or Carrot. Some persons have been skeptical as to its possessing an oyster flavor, as it seldom attains true taste until, like the Parsnip, it has been well frosted. But if dug up during thaws in the Winter and early in the Spring, and boiled like Carrots or Parsnips, or half boiled and grated fine, made into balls, dipped into a batter and fried like oysters, it is a very good substitute for the shell fish itself.

LONG WHITE SALSIFY.—Lb., 75c.; $\frac{1}{4}$ lb., 25c.; oz., 10c.; pkt., 5c.

Sandwich Island Mammoth Salsify.

Grows uniformly to an extra large size, averaging fully double the size and weight of the roots of the old variety. The roots, notwithstanding their size, are of superior quality and very delicate flavor. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 10c.; pkt., 5c.

SCORZONERA, or Black Salsify.

(Schwarzwurz.)

Treatment same as Salsify, which it closely resembles except that the skin is black. Soak in water a few hours before cooking, to remove the bitter taste. $\frac{1}{4}$ lb., 30c.; oz., 10c.; pkt., 5c.

SUNFLOWER, Mammoth Russian

Everyone who keeps poultry should feed Sunflower Seed liberally, as there is nothing more wholesome and nutritious, or which keeps hens in better condition for laying. The Russian Sunflower furnishes more seed than any other sort; it will yield from 900 to 1,200 pounds of seed per acre. From 8 to 10 pounds of seed are required to sow an acre. Lb., 23c.; $\frac{1}{4}$ lb., 10c.; oz., 5c., by mail. By express, at buyer's expense, 5 lbs., 50c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 100 lbs., \$3.00; bags included.



NEW VICTORIA SPINACH.

The foliage is heavy, the broad, dark green leaves being of the true Savoy appearance, and are of the finest quality, but the feature that makes it of special use, for market and family gardens, is that it is in prime condition from 2 to 3 weeks after all other varieties have run to seed. Lb., 35c.; $\frac{1}{4}$ lb., 12c.; oz., 6c.; pkt., 3c.

Long Black Spanish Winter Radish.

Chinese Mammoth or Celestial Radish.



Mammoth Rhubarb.

The most vigorous and productive variety known. The leaf stalks are very numerous, the larger ones being 15 inches long, and fully $1\frac{1}{2}$ inches wide. It is the first article of the season from the garden, and no garden should be without it. Lb., \$1.50; $\frac{1}{4}$ lb., 45c.; oz., 15c.; pkt., 5c.; postpaid.

Rhubarb Roots.—Set in Spring and they will furnish leaf stalks the following season. We offer the largest and best variety.

Victoria.—Extra large clumps. Doz., \$1.50; each, 15c.; not prepaid. Small Roots, Doz., \$1.00; each, 10c., by mail, postpaid.



SORREL. SAUERAMPFER---OSEILLE.

Of the easiest growth, Sorrel is cultivated for its leaves, which possess a very fine flavor, boiled and served like Spinach; it also makes delicious soup.

Broad-Leaved, French.—This is the best variety—large leaves of a pale color. So popular is this in France that whole fields of it are grown around Paris. Lb., \$1.00; $\frac{1}{4}$ lb., 30c.; oz., 10c.; pkt., 5c.

PUMPKIN.

MAMMOTH PRIZE PUMPKIN.—The flesh and skin are of a bright golden yellow color. Flesh fine grained, and of excellent quality. Notwithstanding its enormous size it is one of the very best pie pumpkins ever grown, and a splendid keeper. This enormous variety has been grown to weigh 200 pounds. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 10c.

New Pie Pumpkin "Calhoun."—It is medium in size, extraordinarily heavy and solid, very productive and of excellent quality. The outside is a cream color, while the flesh, which is very thick and fine grained, is a salmon yellow and of superior quality. It is undoubtedly one of the best for pies. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Winter Queen or Winter Luxury.—This is an improvement of the old, well-liked Sugar Pumpkin, and is admitted by all who have grown it to be the very best pie pumpkin on the market. Its size is uniformly about nine to ten inches in diameter. In color a beautiful deep orange yellow, with a very close netting, almost as russeted as a potato. It is a good Winter keeper and unequaled as a cooking variety. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

SMALL SUGAR.—A small orange colored sort, remarkably sweet, fine grained and dry. Keeps well, and cannot be beaten for table use. Always gives the best satisfaction. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Mixed.—All above varieties, in one large package, 10c.

Mixed, Largest Varieties.—Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

THANKSGIVING PUMPKIN.



Our illustration shows the distinct shape and the thickness of flesh peculiar to this new Pumpkin. We have had specimens to weigh 50 lbs. and only have one and three-fourths ounces of seed in them, the flesh being in some places six inches thick. On account of this extra thickness of flesh the yield in pounds is double that of other kinds, as the fruit is produced in as great abundance, if not more. The flesh is a delicious Pumpkin flavor essential to the making of first-class Pumpkin pies. The name "Thanksgiving" was suggested by the almost universal custom of having Pumpkin pie at the Thanksgiving dinner. Lb., \$2.00; ¼ lb., 60c.; oz., 20c.; pkt., 10c.



GIANT WHITE SUMMER CROOKNECK.

We do not know of a variety of recent introduction of more distinct and decided merit than this. In size and shape it is similar to the old Summer Crookneck, but averages a little larger. The skin is a very beautiful ivory-white color. It makes one of the most attractive and beautiful of Summer vegetables. Its beauty is not its only merit, for it is the most tender and best flavored of Summer Squashes. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Mammoth Whale.—The size of this variety fully indorses its name. It is often three feet long and attains sometimes the weight of one hundred pounds or more. The fruit is long, thick, of an ashy-gray color and tapers towards the ends. The flesh is solid, of a beautiful orange-yellow color and of excellent quality. It is a good keeper. Pkt., 10c.; 2 pkts. for 15c.; oz., 20c.

Vaughan's Summer Crookneck.—(Select stock.) This is an old staple article of the seedman's stock, and though we do not claim our seed to be the "best in the world," yet it is as pure as we have seen, and the product is as near to what Squashes should be. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Summer Crookneck.—Lb., 55c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Mammoth White Bush Scalloped.—Our seed of this has been very carefully selected by a reliable market gardener for a number of years. A very select and profitable strain for market. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

White Bush Scalloped.—Lb., 55c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Mammoth Golden Bush Scalloped.—Early, pale yellow, very handsome and uniform. Our strain of this is the best of all the very early Squashes. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Yellow Bush Scalloped.—Lb., 55c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

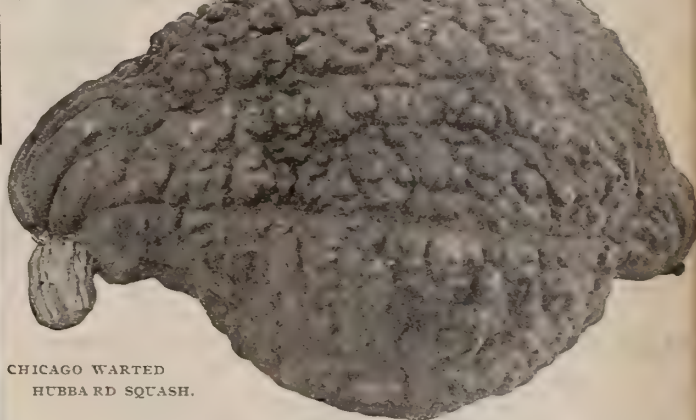
Faxon's Brazilian.—It is remarkably prolific in habit; quality, dry and rich, without regard to the size, coloring or time of ripening of the fruit—something entirely different in this respect from any other Squash. Its valuable points are "earliness, long keeping and high table qualities." We are recommending it to all for general use in the home garden. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



MAMMOTH PRIZE PUMPKIN.

	PKT.	OZ.	¼ LB.	LB.		PKT.	OZ.	¼ LB.	LB.
Large Cheese.....	5	10	20	55	Black Sugar.....	5	10	20	65
Quaker Pie.....	5	10	25	80	Grey Boulogne.....	5	10	30	1 00
Sweet Potato.....	5	10	20	60	Golden Oblong.....	5	10	20	60
Japanese Pie.....	5	10	20	70	Golden Mammoth	10	25		
New Bronze Monthery.....						10	20	60	
Large Tours, or Mammoth French.....						5	6	15	50
Large Field.....	10	10	10	10		5	15	35	35

SQUASH.



CHICAGO WARTED
HUBBARD SQUASH.

CHICAGO WARTED HUBBARD SQUASH.

Our strain of the above will produce mainly the type shown in our photographing, which we consider the **Ideal Hubbard** for home or for market. For thirty or forty years this squash has ranked first for a Winter keeper. It is shipped thousands of miles in car-load lots from west to east every year. With the growing of it in a large way, it was found that the largest, heaviest, dark, rough skinned specimens are most valuable and most salable. Because of this our selection of Chicago Warty Hubbard has been made.

Lb., \$1.25; ¼ lb., 40c.; 2 ozs., 25c.; oz., 15c.; pkt., 10c.

Hubbard.—An extra choice selection, none better in the market. Lb., 50c.; ¼ lb., 15c.; oz., 7c.; pkt., 3c.; 5 lbs., \$1.65; 10 lbs., \$3.25.

Chicago Orange Marrow.—Its distinctive feature, and the one which gives it the greatest and most widespread popularity, is its earliness—it is at least ten days earlier than any other long-keeping sort. It grows as large as the Hubbard, and is of a good quality. It is in season from September to January, and is the most salable kind during that time in the market; this is owing to its smooth and handsome shape, good size and creamy orange skin. We know that it will satisfy all. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Fordhook.—It ripens early, and is one of the best keepers we know of; it can be kept all through the Winter until June. It is very prolific, and bug and borer proof. Lb., 70c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Delicata.—Orange yellow, splashed and striped with very dark green. The quality is rich and dry, wonderfully solid and heavy. For private use particularly we can recommend this squash, as it far surpasses in richness of flavor any of the large sorts. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

New Red or Golden Hubbard, see back cover.

	PKT.	OZ.	¼ LB.	LB.
Golden Heart.....	5	10	20	70
The Der Wing.....	5	10	20	70
Boston Marrow.....	3	7	15	50
Perfect Gem.....	3	7	15	50
American Turban.....	3	7	15	55
Essex Hybrid.....	5	10	20	60
Marblehead.....	3	6	15	55
Straight Neck.....	5	10	20	70
Mammoth Chili.....	10	20	50	1 50
Pike's Peak, or Sibley.....	3	7	15	50
Vegetable Marrow.....	5	10	30	1 00
White Pineapple.....	3	7	15	55
Livingston's Pie.....	5	10	20	70
Cocozelle.....	3	7	15	50
Silver Custard.....	5	10	30	1 00



BUSH ALPINE STRAWBERRY.

TURNIP. *Write for Special Prices on Larger Lots.*

Pound and ¼ lb. prices include postage.

SCARLET KASHMYR.

A new and entirely distinct Turnip. The outer color is rich scarlet, while the flesh is snow-white. It is an *extra early sort*, small, rarely exceeding three inches in diameter, and flat; the leaves are small, full and strap-leaved; the flesh is very solid, tender, fine-grained and of good quality. Lb., 75c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.

Extra Early Red Top Milan.—The earliest in cultivation, two weeks earlier than Purple Top Strap Leaf. The bulb is flat, of medium size, quite smooth with a purple top. Flesh white, hard and of finest quality; it is an extra good keeper. Lb., 60c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

Purple Top Munich.—Earliest variety after the Red Top Milan. Color white; purplish-white top. Lb., 45c.; ¼ lb., 15c.; oz., 10c.; pkt., 5c.

Purple Top Globe.—Keeps well; desirable for table or stock. Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Red or Purple Top Strap-Leaved.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.; 5 lbs., by express, \$1.35.

White Egg.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Golden Ball, or Orange Jelly.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Sweet German.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Long Cowhorn.—Lb., 50c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Yellow Aberdeen.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

Small Berlin (Teltau).—Oz., 10c.; pkt., 5c.

Pomeranian White Globe.—Lb., 40c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

Early Flat White Dutch.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

EVERBEARING STRAWBERRIES. FROM SEED.

BUSH ALPINE Without Runners, Red or White.—Handsome, globular bush form, with upright leaves and stalks. Can be used for borders, but their greatest advantage lies in the fact, that they **come perfectly true from seed.** Sown early they will produce bearing plants the first year. They are grown in large quantities in Europe, where they are **everbearing** in the true sense of the word, producing fruit all summer. Their flavor is that of the wild Strawberry. Price for Red or White, per pkt., 10c.; one pkt., each for 15c.

BELLE de MEAUX.—A sport of the Alpine Strawberry. It is the **most productive sort** we know. The fruit is of very fine flavor, and nearly black in color. Comes true from seed. Pkt., 15c.; two for 25c. One packet each of the above three sorts for 30c.

LARGE FRUITED STRAWBERRY.—Our seed has been saved from a number of the choicest sorts and will produce plants that yield excellent berries. It is possible that new varieties may be produced. Pkt., 10c.



NEW TURNIP, WHITE MILAN.

The Earliest of All.

Amongst the finer Turnips we know, this takes the first rank by its unexcelled earliness and its beautiful shape. It is so smooth and neat as to look polished by hand, and the scant, short (entire) foliage forms a becoming ornament to the fine root.

Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 5c.



EARLY WHITE FLAT DUTCH AND PURPLE TOP STRAP LEAF.

Seeds of Small Fruits.

The seed we offer has been most carefully gathered by one of the most noted small fruit specialists in Germany. They have all been taken from large fruited sorts only, and they will undoubtedly produce a number of plants yielding fruit as large as those of the parent plants. It is a well-known fact that plants produced from seeds have greater vigor and are more prolific and harder than plants propagated by cuttings, and this is especially demonstrated in small fruit plants raised from seed.

RASPBERRY SEED.—Large fruited sorts mixed. Pkt., 10c.; ¼ oz., 20c.

CURRENT SEED.

Red sorts mixed. Pkt., 10c.; ½ oz., 30c.

White sorts mixed. Pkt., 10c.; ½ oz., 30c.

BLACK CURRANT SEED.—Pkt., 10c.

BLACKBERRY SEED.—Mixed sorts. Pkt., 10c.; ½ oz., 20c.

GOOSEBERRY SEED.—English large-fruited. Many sorts mixed. Pkt., 10c.; ½ oz., 30c.

Seeds of Small Fruits are slow to germinate and should be sown early.

Rutabaga or Swede.

Vaughan's Improved Rutabaga.

From selected stock of a purple-topped variety of the largest size, best shape, with small neck and smooth skin; good cropper and keeper. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c. By express, 5 lbs., \$1.50.

Hurst's Monarch.—For earliness, quality and weight it is superior to any variety in cultivation, producing from two to seven tons per acre more than any other Swede, while the large percentage of saccharine matter contained in the root makes it very palatable and nutritious to stock. Lb., 50c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

LAING'S.—Lb., 40c.; ¼ lb., 15c.; oz., 6c.; pkt., 3c.

CARTER'S IMPERIAL.—Lb., 40c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

SKIRVING'S.—Lb., 40c.; ¼ lb., 12c.; oz., 6c.; pkt., 3c.

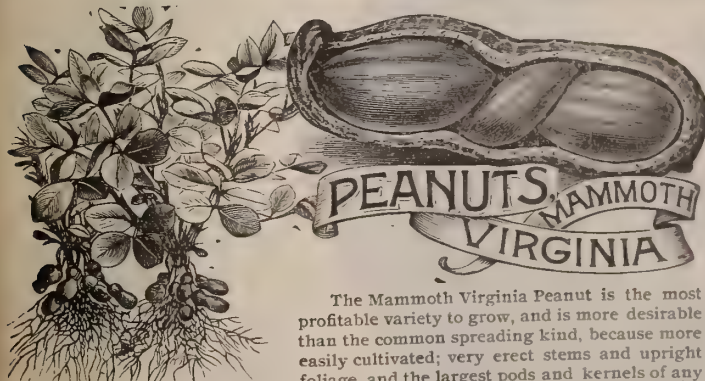
See Our

LIBERAL DISCOUNTS

On all seeds in packets and ounces and

SPECIAL DISCOUNTS

On large orders on the first page of our Vegetable Seed List.



The Mammoth Virginia Peanut is the most profitable variety to grow, and is more desirable than the common spreading kind, because more easily cultivated; very erect stems and upright foliage, and the largest pods and kernels of any variety; also yields fewer imperfect pods. The vines make valuable forage for stock. Pkt., 10c.; ½ lb., 20c.; lb., 30c., postpaid.

Spanish Peanut.—The earliest variety grown; pods are small, but remarkably solid and well filled and the yield per acre very large; can be cultivated with the plow. Because of their early habit and easy cultivation, it is the best variety to grow for fattening hogs. Pkt., 10c.; ¼ lb., 12c.; lb., 30c.

Bird Seed. We carry a complete stock of Bird Seed and furnish the best. Prices subject to market changes.

Add 10 cents per pound if to go by mail.

Mixed Bird Seed, per lb., 6c.

Canary, per lb., 6c.

Rape, per lb., 6c.

Lettuce Seed for Birds.—Per lb., 25c.; ¼ lb., 12c.; oz., 5c.

Millet, per lb., 6c.; 10 lbs., 40c.

Hemp, per lb., 6c.; 10 lbs., 55c.

Sunflower, per lb., 13c.; 10 lbs., 75c.

Chufas or Earth Almonds.

A species of "grass nut" used to fatten hogs. It is not to be confounded with the Cocoa, or Nut grass, for though it belongs to the same class, the Chufa is eradicated with great ease, and is never a pest. The nuts grow under the ground, very near the surface, easily reached by pigs or poultry, and destroyed by them if they have free access. Plant in April in rows 3 feet apart and 8 to 10 inches apart in the row. If seed is dry soak before planting. Sow 1 peck of seed per acre. Pkt., 10c.; quart, 30c., postpaid. By express, quart, 25c.; peck, \$1.50.



CHUFAS OR EARTH ALMONDS.

Vaughan's ^{Extra Selected} Tomato Seed.



Vaughan's Earliest of All.

Vaughan's selected strain. *The earliest good Tomato* We have found it absolutely the **EARLIEST** of 200 kinds; it is of medium size only and is somewhat wrinkled as shown in cut, hence cannot be planted largely for market, as it will not sell with main crop varieties like Atlantic Prize, Beauty, New Stone, etc., when they come; but it certainly should be used in a small way by every planter for a first early. Per $\frac{1}{4}$ lb., 90c.; oz., 30c.; $\frac{1}{2}$ oz., 15c.; pkt., 10c.

Livingston's Beauty.—One of the best of this famous grower, glossy crimson, with purple tinge, holds its size well late in the season; its tough skin renders it a good shipper. **Lb., \$1.90;** $\frac{1}{4}$ lb., 55c.; oz., 20c.; $\frac{1}{2}$ oz., 12c.; pkt., 5c.

ACME. Vaughan's Selected Stock. —One of the most popular kinds on our list, giving entire satisfaction. A favorite everywhere; large, round, smooth, slight purple tint; one of the best. Our seed has been grown with particular care, and we know there is none better. **Lb., \$2.00;** $\frac{1}{4}$ lb., 50c.; oz., 20c.; $\frac{1}{2}$ oz., 12c.; pkt., 5c.

PERFECTION.—Solid flesh, always smooth and of blood-red color. This is a general favorite, equally desirable for the home garden, for shipping, and for canning. We have an exceptionally choice stock of this sort. **Lb., \$1.75;** $\frac{1}{4}$ lb., 50c.; oz., 20c.; $\frac{1}{2}$ oz., 12c.; pkt., 5c.

NEW IMPERIAL.—This new Tomato is one of the earliest, smoothest and most productive sorts. The fruit is large, smooth and solid. It not only produces very early fruits, but it will hold out through the season until late in fall. It is also a splendid keeper. In color it is between the Dwarf Champion and the Beauty. Gardeners should plant this, as it is undoubtedly one of the best early Tomatoes. **Lb., \$2.50;** $\frac{1}{4}$ lb., 65c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 5c.

THE NEW STONE.

The Tomato for a Main Crop.

Choicest Seed. We call this the king of the Livingston kinds, which are the best types of large, smooth, solid, "beefy" Tomatoes. If asked to select one main crop, market sort, we advise this. Color, fine scarlet, stem (calyx) set high, core small and shallow, so that but little is lost when it is taken out of the fruit before slicing. We want to make what we say of this kind definite, because there are very many good kinds and a long list is confusing. If in doubt, buy the New Stone for market, or home use for that matter. **Lb., \$2.50;** $\frac{1}{4}$ lb., 75c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 10c.

Livingston's Royal Red.—Splendid main crop variety for the shipper, market and private gardener, and of special value to the Canner and Catsup Maker. **Lb., \$1.75;** $\frac{1}{4}$ lb., 60c.; oz., 20c.; $\frac{1}{2}$ oz., 12c.; pkt., 5c.

Our Tomato seed has all been grown by Tomato specialists who plant for seed only. It is not as cheap as that from canning factories, but it is good and reliable and will give satisfaction.

WELL-KNOWN STANDARD VARIETIES.

Per pkt., 5c. of any of the following:

	$\frac{1}{2}$ oz.	oz.	$\frac{1}{4}$ lb.	Lb.
Favorite. Large, early, smooth...	.12	.20	.50	\$1.75
Fordhook First. A good first early	.12	.20	.60	2.00
Golden Queen. Rich deep yellow	.12	.20	.60	2.00
Matchless. Very large, good keeper, smooth	.12	.20	.60	2.00
Liberty Bell. Large and smooth	.12	.20	.60	2.25
Paragon. Large, red	.12	.20	.50	1.75
Ponderosa. Largest and meatiest	.20	.30	.95	
Trophy. The old favorite	.10	.15	.45	1.65
Red Currant. Small	.15	.25		
Mikado, or Turner's Hybrid	.12	.20	.50	1.80
Volunteer	.10	.15	.50	1.50
Red Pear, Red Cherry, Yellow Pear, Yellow Plum.	Each, $\frac{1}{2}$ oz., 15c. oz., 25c.			

ATLANTIC PRIZE.

We place this at the head of the main crop varieties for earliness. It follows closely Vaughan's Earliest of All and comes in advance of such standard kinds as Acme, Beauty, etc. It bears in clusters, is of good size, smooth, round and of a fine scarlet color. Choicest seed from specimen fruits: **Lb., \$2.50;** $\frac{1}{4}$ lb., 70c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 10c.

Early Dwarf Champion or Tree Tomato.

A great favorite; its dwarf habit and upright tree-like growth permit close planting. Resembles the Acme, and is hard to beat for home use. Color, purplish pink; smooth and symmetrical; fine quality and solid meat. This is the kind gardeners should grow who sell Tomato plants. Its stocky, tree-like growth makes most salable plants, outselling other kinds of lanky, scraggly growth.

Lb., \$2.00; $\frac{1}{4}$ lb., 60c.; oz., 20c.; pkt., 5c.

DWARF ARISTOCRAT.—This is practically a red variety of the Dwarf Champion. In size, solidity, productiveness, and flavor, it is up to the best standard. It will be found good under glass, and for early market out of doors. It may be planted 3x3 feet or even closer, making it suitable for small gardens. When ready for market its handsome color, sprinkled with some of its own dark leaves, attracts much attention. **Per lb., \$2.50;** $\frac{1}{4}$ lb., 70c.; oz., 25c.; $\frac{1}{2}$ oz., 15c.; pkt., 5c.

BUCKEYE STATE.—A fine new extra large Livingston sort, nearly one-half larger than Beauty, deep color, smooth, heavy and of splendid quality. **Lb., \$2.40;** $\frac{1}{4}$ lb., 65c.; oz., 20c.; $\frac{1}{2}$ oz., 12c.; pkt., 5c.

The Two Peach Tomatoes.

Handsome and delicious, new form and style of Tomato. The fruit is of uniform size resembling a peach in shape, size and color, one of which is a deep rose blended with orange amber, and the other clear lemon yellow. It is desirable for eating from the hand. The skin is thin and peels off like that of a peach. The yellow which we introduced five years ago is an exact counterpart of the original and makes a handsome addition to any collection. Each, Red or Yellow Peach, oz., 35c.; $\frac{1}{4}$ oz., 20c.; pkt., 10c. Both kinds mixed, pkt., 10c.; 3 for 20c.

CRIMSON CUSHION.—Fruit very large, round and regular; bright scarlet color; flesh solid and of best quality; cells small and few in number. The plants are very productive. The fruit is of fine form and appearance, and will stand shipment well. **Lb., \$5.00;** $\frac{1}{4}$ lb., \$1.25; oz., 35c.; $\frac{1}{2}$ oz., 20c.; pkt., 5c.

Ground Cherry or Husk Tomato.—This is much liked by many for preserves, and for eating from the hand. The seed we offer is from the true yellow Ground Cherry; very prolific. Besides its use for preserves, it makes good pies, and is very fine dried in sugar. **Oz., 20c.;** $\frac{1}{2}$ oz., 12c.; pkt., 5c.



VAUGHAN'S
SELECT

FLOWER SEEDS

We Test all Our Seeds and are therefore positive that only live seeds go to our customers. Our Packets are very Liberal in Size, containing, in most cases, more seeds than is needed in a home garden. We Supply Florists Largely. Everyone knows that florists can only use the best.

Discounts: Customers \$1.00
Sending 2.00
3.00
4.00
5.00

May Select \$0.25
.50
.75
1.00
1.25

worth of extra Flower and Vegetable Seeds in packets and ounces. This discount, however, does not apply to seeds by weight (1/4 lbs. and over) or collections, nor does it apply to orders sent at different times during the season, except previous arrangement is made, nor does it apply to plants, bulbs, potatoes, grass and field seeds and tools; but customers are allowed to select seeds for the cost of remittance besides these discounts.



ROYAL PRIZE
ABUTILONS

ABUTILON.

62. Pretty plants, useful for pots in summer. They form handsome little bushes covered with bell-shaped flowers in the daintiest and also strongest colors, dotted and handsomely veined. Are of easy culture; bloom readily from seed the first summer. Mixed colors, pkt., 10c.

60. **Abronia Grandiflora**.—A trailing plant, bearing clusters of Verbena-like, sweet-scented pink flowers; very effective in beds and hanging baskets. Pkt., 5c.

SWEET ALYSSUM.

73. A general favorite, with delicate white flowers of exquisite fragrance; very fine blooming, suitable for beds, borders and rock work; very useful for cut flowers during the winter. 1/4 oz., 10c., (enough for a row 40 feet long); oz., 25c.; pkt., 3c.

74. —**Benthami Compactum**.—Of dwarf, robust growth; an excellent cut-flower. 6 in. Pkt., 5c.; 1/4 oz., 15c.

75. —**Golden Saxatile**.—Flowers brilliant golden yellow, completely hiding the foliage. Plants about one foot high; desirable for rock work and quite showy in masses. A hardy perennial. Pkt., 5c.

72. **AGROSTEMMA Coeli Rosa**.—(Rose of Heaven).—Free blooming and attractive plants with velvety foliage and pretty rose flowers. 8 in. Hardy perennial. Pkt., 5c.



ALLEGHENY VINE.

64. **ALLEGHENY VINE**.—Mountain Fringe or Adlumia Cirrhosa. This is a hardy, climbing plant, native of the Allegheny Mountains, very attractive and picturesque; dainty, feathery, pale green foliage, flowers delicate rose, pink and white. 15 ft. Pkt., 5c.

AGERATUM.

Very effective plants for bedding, remaining in bloom throughout the whole summer. They grow in almost any soil and in any location. H. H. A.

67. **Ag. Mexicanum**.—Blue. Pkt., 3c.

68. **Mexicanum Album**.—White. Pkt., 3c.

69. **Imperial Dwarf Blue**.—Excellent plant for ribbon borders, 6 inches. Pkt., 5c.

70. **Imperial Dwarf White**.—Like above except in color. Pkt., 5c.

71. **Ageratum**.—Mixed, 1/4 oz., 15c.; pkt., 3c.

65. **ADONIS FESTIVALIS Flos Adonis**.—A very showy hardy annual, with pretty flowers and dark green foliage, good for beds and borders. Flowers bright crimson, peering from finely cut dark foliage. Height, 15 inches. Pkt., 5c.



SNAPDRAGON, QUEEN OF THE NORTH.



IMPERIAL DWARF AGERATUM. ANTIRRHINUM OR SNAPDRAGON.

An old garden favorite, with odd shaped flowers and pretty spotted throats; deliciously fragrant; one of the most showy border plants. Of easiest culture, they thrive in any soil, the tall sorts yielding an abundance of fine cut flowers; while the dwarf sorts make the prettiest edgings.

New Giant Flowered Snapdragon.

ANTIRRHINUM MAJUS GRANDIFLORUM.

108a. The flowers of this new strain are much larger than those of the old type and the plants grow taller, making them excellent for cut flower purposes, vases, etc. The colors of the flowers are magnificent, both delicate and rich, and considering the ease of culture and the long blooming period of the Snapdragons, we think they should be in every garden. Pkt. (300 seeds.) 10c.

108. **QUEEN OF THE NORTH**.—New. In this new sort we have the finest and most beautiful of all Snapdragons. The plants grow into handsome, regular bushes, 12 inches high, covered with large, white flowers of a deliciously sweet perfume. Suitable for bedding and pot culture. Pkt., 10c.

109. Tall sorts, mixed, 3c.; 1/4 oz., 15c.

110. Dwarf Sorts, mixed, 5c.; 1/4 oz., 20c.

SPECIAL OFFER No. 105.—One packet each, Nos. 62, 66, 76 and 108a. for 25c.

AMARYLLIS HYBRIDA.

88. Bulbous plants producing from 2 to 3 of the richest colored crimson scarlet and white striped, lily-like flowers. Pkt. (10 seeds.) 20c.

AMPELOPSIS VEITCHI, or Boston Ivy.

89. A species of Woodbine, with very pretty, olive green foliage, which turns to bright scarlet, crimson and orange in the fall. It does not require fastening as it climbs the smoothest walls. It is perfectly hardy. Pkt., 5c.; 1/4 oz., 20c.

BLUE DAISY

66. (*Agathaea Coelestis*.) The flowers are the very counterpart of the Paris Daisy but sky blue with a yellow disc; of easy growth and produces flowers all the year. Also fine winter bloomer. Pkt. (120 seeds.) 5c.



BLUE DAISY

ALYSSUM, Vaughan's Little Gem.

76. This should really be called the "Snow White Carpet Plant." for the plants which are only a few inches high grow so dense, and are so completely covered with snow-white blossoms create the impression of a beautiful carpet spread over the ground. We know of no other white flower which is so particularly well adapted to borders, ribbons, etc., as our "Little Gem" Alyssum. The plants commence to bloom when quite small, and will flower uninterruptedly all summer long until late in the fall. Added to all this is the sweet fragrance, and we cannot see how a garden could be complete without it. Pkt., 7c.; 1/4 oz., 15c.; 1/2 oz., 25c.; oz., 40c.





VAUGHAN'S GERMAN GROWN ASTERS.

SEE ALSO
NOVELTY
PAGES.

Our packets of Asters contain a very liberal amount of seed, from 100 to 200 seeds, or more.

It is an undeniable fact that for purity Aster seed grown in Germany is far superior to any grown elsewhere. The climate is better suited to the full development of the flowers and the German growers have the experience of a century behind them. There is a great deal of cheap Aster seed offered to us every year, but we prefer to buy seed of careful and experienced growers, though high priced, and our orders are made from the careful notes we took while examining the various fields when in bloom.

✿ DWARF • ASTERS. ✿



DWARF
QUEEN
ASTER.

Jones Co., Iowa.—My Aster bed has been more than lovely this Fall. I have picked bushels of flowers from it and next Spring will send to you again for seed.

Mrs. Geo. L. Lovell.

Bay Co., Mich.—My flowers this Summer, grown from seed bought of you in the Spring, were beautiful, especially my Asters. They were admired by all who saw them.

Mrs. C. F. Potter.



COMET,
or POODLE
ASTER.

152 **Dwarf Pigmy Aster.**—Pretty little plants of handsome form, completely covered with flowers, each plant forming a neat bouquet. The flowers are of the most distinct, and delicate shades. Height, 8 inches. Many colors mixed, pkt., 5c.; ½ oz., 20c.

153 **Vaughan's Little Gem.**—One of the prettiest little Asters we know. The neat bushes, about 6 inches high, are covered with flowers of the most charming combination of pink and white. A clump or row of them will form a very pleasing spot in the garden. Pkt., 10c.

154 **Vaughan's Fireball Aster.**—The most brilliant Dwarf Aster. It forms a neat, well-shaped bush about 10 inches in height and is covered with beautifully shaped flowers of the brightest scarlet, a single plant often producing from 30 to 40 blooms. Very effective if planted out in beds; also valuable for pot culture. Pkt., 10c.; extra large pkt., 25c.

Dwarf Queen Aster. THE FINEST DWARF ASTER. This splendid Aster makes low, bushy plants about 10 inches high, of compact habit of growth, producing a great number of double, extra large flowers which resemble in shape those of the Victoria Aster and measure from 3 to 3½ inches in diameter. Excellent for bedding and pot culture.

156 White. 157 Pink. 158 Light Blue. } Each, per pkt., 10c.; any 3 for 25c.
159 Crimson. 160 Dark Blue.

161 **Dwarf Queen Aster, Mixture of all Colors.**—Pkt., 10c.; per ½ oz., 25c.

Dwarf Chrysanthemum-Flowered Aster.

Of very compact growth; flowers from 3 to 4 inches in diameter and very abundant; later than other varieties, therefore valuable for succession. 10 inches high.

162 **Snow White.** 166 **White Turning to Azureblue.** } These are two
163 **Brilliant Rose.** 167 **White Turning to Pink.** } beautiful sorts.
164 **Dark Crimson.** 168 **Light Blue and White.** 170 **Light Blue.**
165 **Fiery Scarlet.** 169 **Dark Blue.** 171 **Peach Blossom.**

172a **Silver Gray.**—A new, very distinct and pleasing color.

Each of above, Pkt., 10c.; any 3 for 25c.; any 6 for 45c.

172 **Many Colors**, mixed, pkt., 5c.; ½ oz., 20c.

173 **Imported Collection**, 12 colors, pkt., 60c. 174 **Imported Collection**, 6 colors, pkt., 35c.

175 **Pompon Crown Asters.** Pretty, compact, branching bushes, about 12 inches high with a great many very double flowers from 2 to 2½ inches in diameter, each flower has a clear, white center, encircled with some other color. Many colors mixed, pkt., 10c.

Comet, or Poodle Aster.—A handsome and very distinct Aster, resembling the Japanese Chrysanthemum in shape of flowers, the petals are very long and beautifully curled, are of a lovely delicate pink bordered with white, bright pink, light blue and other colors.

176 **Peachblossom**, a lovely shade of pink. 181 **Dark Blue.**
177 **White.** 179 **Pink and White.** 182 **Lavender.**
178 **Rose.** 180 **Light Blue and White.** 183 **Crimson.**

Any of above Comet Asters, per pkt., 10c.; any 3 for 25c.

184 **Comet Aster**, many colors mixed, pkt., 10c.; 3 pkts. for 20c.

185 **Dwarf Paeony Perfection.**—A dwarf strain of Truffaut Aster, compact in habit and about 12 inches high, flowers large and perfect in form, with beautifully incurved petals. Many colors mixed, pkt., 10c., 3 pkts., for 20c.

186 **DWARF VICTORIA ASTER.**—This is one of the best semi-dwarf Asters in existence. The flowers are very large, are borne on upright stems, are of ideal form, and the colors are of the richest and daintiest hues. There are color combinations and shadings in this class of Asters not found in any other class. Height, 10 inches. Many colors mixed, pkt., 10c.; 3 pkts., for 25c.

187 **Dwarf Victoria Aster, Yellow.**—This is the only dwarf Aster with sulphur yellow flowers. In shape and size of flowers and habit of growth they are identical with the above but the color is a most pleasing light sulphur yellow; quite unique. Pkt., 15c.; 2 pkts. for 25c.

188 **DWARF ASTERS.**—Many different classes mixed. ¾ oz., 20c.; per large pkt., 5c.

190 Vaughan's Excelsior Mixture of Dwarf Asters.

Many of our customers may find it difficult to choose among the above strains of Dwarf Asters, and where not desired for an even bed or border, we would recommend the planting of our **Excelsior Mixture**. It is comprised of the most distinct and desirable colors of the different classes of Dwarf Asters and many others, not listed above, specially selected for this mixture, and we guarantee it to give satisfaction. Pkt., (250 seeds) 15c.; extra large pkt., 25c.; ½ oz., 50c.

Mechanicsburg, O.—I cheerfully indorse your seeds. Most of those I received gave perfect satisfaction. The Petunias were very large and beautiful, and quite an assortment of different colors. The Asters were very large—some as large as the fine Chrysanthemums. In fact, my bed of Asters was admired by every one who saw it. I take pleasure in indorsing your seed, and will recommend them to my flower-loving friends.

Mrs. W. S. Shepherd.

SPECIAL OFFER NO. 112.—One pkt., each, Nos. 153, 154 and 187, for 25c.

VAUGHAN'S ASTERS.

*** TALL VARIETIES. ***

Vaughan's Improved Victoria.

Undoubtedly the most handsome Aster in cultivation, and we have an excellent strain of it. Flowers very large and perfectly double, of globular shape and beautifully imbricated; plants are of fine pyramidal form. 1¾ feet high.

- 191 **Pure White.** 194 **Crimson.** 196a **Crimson and White.**
192 **Apple Blossom.** 195 **Dark Blue.** 197 **White, Turning to Azure Blue.**
193 **Light Blue.** 196 **Pink.** 197a **Indigo Blue on White Ground.**

Each of the above, pkt., 10c.; 3 for 25c.

198 **Many Colors**, finest mixed. Pkt., 10c.

199 **Imported Collection**,
12 colors, 65c.



199a **Imported Collection**,
6 colors, 35c.

200 **VAUGHAN'S BEAUTY ASTER.**—A splendid sort, resembling *Victoria* Aster in shape and size of flowers and growing about 2 feet high. The color is the brightest red imaginable with a satiny gloss. Pkt., 10c.

202 **New Japanese Giant Aster.**—Entirely distinct from all other Asters. The flowers are of immense size, measuring from five to six inches in diameter, with long petals curiously waved and curled, so as to give them a striking resemblance to a Japanese Chrysanthemum. This new Aster has been awarded a first-class certificate by the French National Horticultural Society. Mixed colors, pkt., (150 seeds) 10c.; 3 pkts., 25c.

PAEONY FLOWERED ASTERS. (TRUFFAUT'S.)

One of the handsomest and most ornamental sorts. The plants which are very vigorous, grow from 18 to 24 inches high; the flowers are borne on long, wiry stems and very large, from 3 to 4 inches in diameter, very double, and in shape like a *Paëony*. The colors are both bright and delicate, and altogether this Aster is nearly perfection.

203 **Pure White.**

203a **Dark Crimson and White.**

203b **White with Blueblack.**

203c **Brilliant Rose.**

204 **Gravelotte**, (deep blood-red).

204a **Pink and white.**

204b **Light Blue and White.**

204c **Dark Blue.**

205 **Light Blue.**

205a **Shining Blueblack.**

205b **Brilliant Scarlet**, a most striking and beautiful color.

205c **La Superbe**, sky blue tipped white.

Each of the above, per pkt., 7c.; any 4 for 25c.

206 **Mixed Colors.** Pkt., 10c.; ¼ oz., 40c. 206a **Imported Collection.** 12 colors, 60c. 206b **Imported Collection.** 6 colors, 35c.

NEW BRANCHING ASTERS.—Beautiful Asters for cut-flowers. The flowers are very large, very double, borne on long stiff stems, and the colors are clear and handsome. We can furnish them in the following four colors: 207 **WHITE.** 207a **PINK.** 207b **LA VENDER.** 207c **VIOLET.** Price, pkt. (100 seeds) 10c.; one pkt. each of the 4 for 30c.

207d **New Branching Asters**, mixed, including the above colors and red. Pkt. (150 seeds) 10c.; 3 pkts. for 25c.; ¼ oz., 50c.

Queen of the Market Aster.—This is the best of the very early-flowering Asters. The flowers are of good size, double and are borne on long stems. 208 **White.** 208a **Mixed.** Each, per pkt., 5c.

CROWN OR COCARDEAU ASTER.

Central petals of purest white, making a striking contrast to the large, brilliantly colored outer petals; very effective. 2 feet. 209 **Many colors mixed.** Pkt., 5c.; ¼ oz., 20c.

210 **DOUBLE QUILLED ASTERS.**—These are great favorites on account of their free blooming qualities, and the low price of the seed recommends them to many who want a nice Aster for cutting. Pkt., 3c.

211 **Aster, Lady in White.**—An *Everbloomer*. From its parent, the *Mignon*, it has its branching and free-blooming habit, also its handsome, globe-shaped flowers. No plant brings less than 40 buds, while as many as seventy have been counted on a single bush. The flowers are of pure snowy whiteness, and are produced in succession and so prolong the blooming period into the late Autumn. A most useful variety for pots and beds and especially for cut flowers. Pkt., (150 seeds) 10c.; 3 pkts. for 25c.

212 **New "Marvel" Aster.**—A new and very distinct Aster which deserves a place in our list. The flowers are of large size, very numerous and of a handsome color combination, the outside petals being white, while those of the center are carmine. Pkt., (100 seeds) 10c.; 3 pkts., 20c.

213 **"New Aster Rosalind."**—A sister to the well known *Snowball* Aster, having the same habit of growth and freedom of bloom, the same round short-petaled Dahlia-like flowers but of the most charming bright rose color. Pkt., (100 seeds) 10c.; 3 pkts., 25c.

SNOWBALL or Princess Aster.

214 A most distinct and handsome sort, equally valuable for pot culture and cut flowers. It is a most profuse bloomer, a single plant often producing as many as 30 pure white flowers, resembling in appearance those of the *Liliput Dahlias*. Pkt., 10c.; 3 for 25c.

Aster, Sulphur Yellow.

215 This is the nearest approach to a real *Yellow Aster*. The flowers are large, globular, quilled and very double and of a clearly pronounced sulphur yellow. Pkt., 5c.; 3 for 12c.

219 **TALL ASTERS.**—Many kinds and colors, mixed. Pkt., 5c.; ¼ oz., 20c.

Pure White Mignon.

216 This variety greatly resembles the *Victoria Aster* in growth and habit, but blooms more freely. Flowers are of purest white, globular and beautifully imbricated. Undoubtedly one of the finest white Asters for cut flowers. Pkt., 10c.

217 **Mignon Asters**, mixed. Pkt., 10c.

218 **White Asters in Mixture.**—*Victoria White*, *Truffaut White*, *Mignon White*, *Snowball*, *Giant Comet White* and *Rose Aster White*, all mixed in one pkt., (150 seeds) 10c.; 3 pkts., 25c.; ¼ oz., 40c.



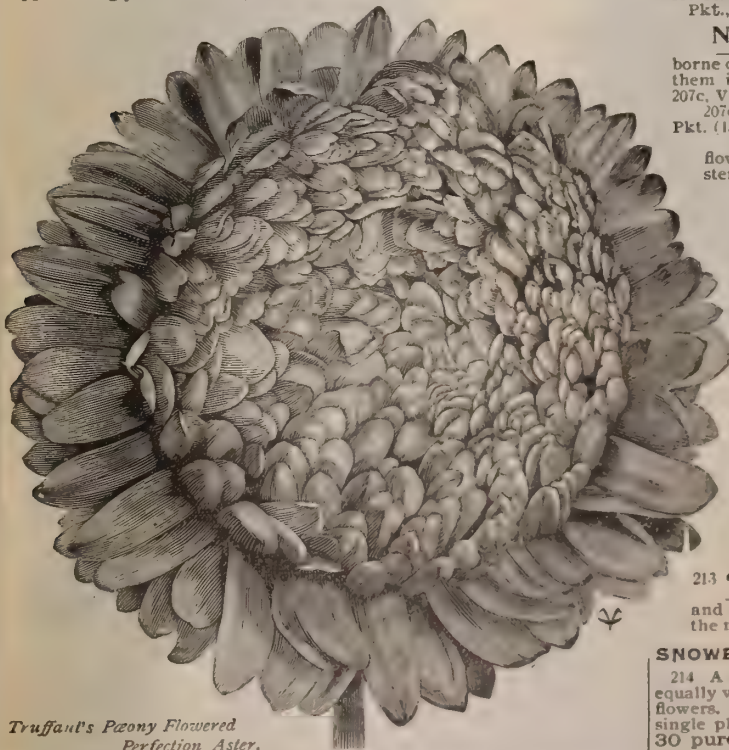
Vaughan's Improved
VICTORIA ASTER.

Giant Washington or Jubilee Aster.

The flowers of this type resemble the *Victoria Asters*, they are, however, much larger but not quite so numerous. We can recommend it to all who like a tall-growing Aster with very large flowers. The colors are very good; a good cut-flower sort.

201 **Many Colors Mixed**, pkt., 10c.

201a **Washington Aster, Yellow.**—The best of the tall Asters approaching yellow. Pkt., 10c.



Truffaut's Paëony Flowered
Perfection Aster.

220 Vaughan's Excelsior Mixture of Tall Asters.

This is a mixture of the most beautiful, striking and distinct colors of all the above tall growing Asters, selected from the cream of the *Truffaut's Victoria*, *Crown*, and other desirable sorts, and includes many kinds specially purchased for this mixture. This is the finest mixture of Tall Asters ever offered, and the most critical lover of this flower will be astonished at the wide range of colors and varieties given in this truly Excelsior strain. Per pkt., (250 seeds) 15c.; extra large pkt., 25c.



DOUBLE COLUMBINE.

AQUILEGIA or COLUMBINE.

Pretty, Hardy Perennials.

NEW WHITE SPURRED COLUMBINE.

115 This new, large-flowering, pure white sort, with its fine, long spurs, is perfectly hardy and a beautiful plant for pots, and, if planted in groups, presents a perfect sea of white flowers. Pkt., 10c.

116 **AQUILEGIA**, Double Mixed. Pkt., 10c.

117 —Single Varieties, mixed. Pkt., 5c.

118 —**Chrysantha**, golden Columbine. Pkt., 10c.

119 —**VULGARIS**, Double White. Pkt., 5c.

120 —**Coerulea**, sky-blue. Pkt., 5c.

121 —**Vervæneana Atroviolacea** Pl.—Double, darkest purple. Pkt., 10c.

**ARABIS ALPINA.**

..... A SPLENDID HONEY PLANT.....

77 This plant is a hardy perennial which will thrive in any soil and is particularly adapted to rock work. It grows about six inches high and is one of the earliest flowers to bloom in the Spring. The blossoms are white, resembling Sweet Alyssum, deliciously fragrant and so freely produced as to completely cover the plant. It should be in every garden. Pkt., 10c.

**HARDY ALPINE ASTERS.**

111 Among hardy perennial plants these occupy a conspicuous place, for they are very handsome and ornamental, free-blooming and perfectly hardy. Pkt., 10c.

90 **ANEMONE**.—(WINDFLOWER.) These can easily be grown from seed and bloom in the Fall. 7c.

91 —**Sylvestris**.—White, hardy perennial. 5c.

104 **ANCHUSA Angustifolia**.—Hardy perennial, pretty blue flowers. Pkt., 5c.

105 **ANTHEMIS Tinctoria**.—Hardy golden Marguerite. Pkt., 10c.

**ASPARAGUS PLUMOSUS.**

(Asparagus Fern.)

130 One of the prettiest house plants. The leaves are bright green, gracefully arched, surpassing Maidenhair Ferns in grace, delicacy of texture and richness of color. It is admirably adapted to house culture. (See illustration.)

Pkt. (5 seeds), 10c.; 25 seeds, 35c.

**ASPARAGUS SPRENGERI.**

Also called Emerald Feather and Abyssinian Parlor Fern.

134 NEW. Perhaps the best new plant introduced in ten years. Highly praised everywhere; handsomest seen drooping from a pot or basket. Sprays from four to six feet long, of fresh, green, feathery foliage; useful for bouquets, wreaths or sprays, remaining perfect for weeks after cutting; grows freely the whole year round; extremely valuable for all purposes. Flowers white, followed by red berries. A plant that will please you. Pkt. (10 seeds), 10c.

**BRACHYCOME, Swan River Daisy.**

138 A dwarf free-bloomer, excellent for baskets and edgings; blue flowers. Pkt., 5c.

Aristolochia Sipho, Dutchman's Pipe Vine.

126 A hardy, perennial climber, of rapid, luxuriant growth, with very large, heart-shaped leaves. Packet, 25 seeds), 10c.

127 **ARMERIA Maritima**.—Purple Cushion Pink; hardy perennial. Pkt., 5c.

128 **ASCLEPIAS Tuberosa**.—Excellent hardy perennial. Pkt., 5c.

Asperula Odorata-Waldmeister.

135 This charming little plant, which blooms in May and is a hardy perennial, delights in moist and shady situations and is used for border planting. Pkt., 10c.

136 **ASPERULA Azurea Setosa**.—Small, sweet-scented, light blue flowers. Pkt., 5c.

AMARANTHUS.

94 **AMARANTHUS, SUNRISE**.—A most beautiful plant; height two feet, the leaves are long and narrow, the upper ones of the brightest glowing crimson. Pkt., 10c.

95 **Salicifolius**.—(FOUNTAIN PLANT.) Leaves green, with orange, bronze and crimson shading; four feet. Pkt., 5c.

97 —**Splendens**.—The finest of its class, with leaves of the most brilliant colors. The inner foliage is of blackish bronze tipped with green, while the outer foliage is bright scarlet and gold. Pkt., 5c.

98 —**Caudatus**.—Love Lies Bleeding. 5c.

99 —**Tricolor**.—(JOSEPH'S COAT.) Scarlet, green and yellow. 2½ feet. Pkt., 5c.

100 **Amaranthus Fine Mixture**.—All the above and many others. Pkt., 5c.; ¼ oz., 12c.



BALSAM APPLE AND PEAR.

137 **AURICULA**.—Pkt., 10c.

BACHELOR'S BUTTON.—(See Centaurea Cyanus.)

Bartonia Aurea, Golden Bartonia.

145 One of the brightest garden flowers. It produces its large, golden blossoms all Summer in great abundance; 1 foot high. 5c.

Balsam Apple and Pear.

142 Very curious climber, with ornamental foliage and golden-yellow fruit which opens when ripe, showing the seed and carmine interior. Apple and Pear mixed. Pkt., 5c.

Balloon Vine, Love in a Puff.

144 A rapid growing climber; thrives in light soil. One of the prettiest climbers. 5c.



BALLOON VINE.

SEE ALSO
NOVELTY
PAGES.



VAUGHAN'S INVINCIBLE BALSAM.

243. **CACALIA**. (Tassel Flower.)—Pretty, free-blooming plants with tassel-shaped flowers, also called Devil's Paint Brush; of easy growth. Pkt., 5c.
244. **CALAMPELIS Scaber**.—A quick-growing climber, with orange-colored, tube-flowers. Pkt., 10c.

CALENDULA, or Pot Marigold.

EXCELLENT FOR BOUQUETS AND VASES.

245. **C. ORANGE KING**.—The grandest of all the double Marigolds. Flowers of considerable size, much larger than any we have seen; outer petals slightly imbricated, while those of the center are incurved like the petals of a Pæony. Color is a rich, dark orange. Pkt., 5c.; ½ oz., 12c.
246. — **Royal Trianon**.—A beautiful sort. Large double flowers of a clear golden yellow, with a rich brown center. Pkt., 5c.; ½ oz., 12c.
247. — **Meteor**.—Beautifully imbricated flowers, with orange stripes on pale yellow ground. Pkt., 3c.; ½ oz., 12c.
248. — **Pongel**.—Double creamy white. Pkt., 3c.
249. — **Mixed**, the above and others. Pkt., 5c.; per ½ oz., 10c.



245. CALENDULA, OR POT MARIGOLD. Pkt., 5c.

VAUGHAN'S INVINCIBLE BALSAMS.

224. We have no hesitancy in pronouncing this strain the finest in cultivation. The flowers are very large, measuring from two to three inches in diameter, of perfect form, resembling the flower of the Camellia, and are as double. In fact the petals are so densely produced that the yield of seed is extremely small, one single plant often producing not more than five seeds. The colors of the flowers are varied and brilliant comprising pure white, crimson, white shaded lilac, rose, spotted, scarlet, blue purple and many other tints. Pkt., (100 seeds) 10c.; 3 pkts. for 25c.

DOUBLE CAMELLIA FLOWERED BALSAMS.

These are (like Asters, Pansies, Phlox and Stocks) one of our specialties which we sell to our extensive florists' trade all over the country, and we know that our seed will produce fine, large, double flowers in great abundance.

225. **Snow White**. 226. **Pink**. 227. **Scarlet**. 228. **Light Lemon**.
229. **Scarlet**, spotted white. 230. **Solferino**, white, striped with purple scarlet.
231. **Victoria**, satin white, spotted with scarlet.

Price, per pkt. of any of above, 5c.; any 6 for 25c

232. **All Colors Mixed**, above kinds and others. Pkt., 5c.; ½ oz., 20c.
233. **DWARF BALSAMS**.—These are very useful for borders; the plants make perfect little bushes only about 8 inches high, the flowers are double and semi-double and the colors very pretty and pleasing. Pkt., 5c.; per ½ oz., 15c.
234. **ROSE-FLOWERED BALSAMS**.—Although not as choice as our Camellia-Flowered Balsams, this is a very good strain and will give a large percentage of double flowers in a great variety of colors. Pkt., 3c.; per ½ oz., 15c.
235. **CARNATION-STRIPED BALSAMS**.—These are very showy and attractive; they derive their name from the peculiar stripes and markings, the flowers bearing a striking resemblance to some Carnations. Many colors mixed. Pkt., 5c.; per ½ oz., 15c.

BEGONIAS.

Tuberous Rooted Begonias are among the foremost flowering plants for pots or for bedding. The flowers often exceed four inches in diameter and outlive in color the most brilliant and dazzling Geranium.

236. **Single Tuberous Begonias**, from prize winning varieties, in finest mixture. Pkt., (500 seeds) 20c.
237. **Double Tuberous Begonias**, flowers of elegant form and substance. All colors mixed. Pkt., 35c.
238. **REX BEGONIAS**, ornamental foliage varieties. Pkt., (250 seeds) 50c.
240. **BEGONIA ERFORDIA (New)**.—Lovely rosy-pink flowers which do not fade in the hottest sun, plants grow about 15 inches high and bloom all summer. A splendid bedding or pot plant. Pkt., (1,000 seeds) 10c.



239. BEGONIA VERNON. Pkt., 10c.



BROWALLIA.

Valuable bedding plant, flowers produced in great abundance and all summer; very showy, 1½ ft. Mixture of all colors. Pkt., (250 seeds) 5c.

BEGONIA VERNON.

239. As a Begonia for out-door bedding this has no equal. The plants are simply smothered with flowers, and bloom equally as well in the shade as in the brightest sun. In the full sunshine the leaves take on a beautiful bronze hue, while in the shade they retain their dark, rich green color. It is one of the handsomest, free-blooming plants we know, and it is equally valuable as a pot plant. They grow very readily from seed and bloom when the plants are quite small. Fancy a constant bloomer, summer and winter, which can be raised from seed. Pkt., (1,000 seeds) 10c.; 3 for 25c.

CALLIOPSIS

Will bloom until frost, thrive in any soil and require scarcely any care. Fine cut flower. H. A.

250. — **GOLDEN WAVE**.—Plant very bushy and compact, about two feet in height, and covered from July to October with hundreds of beautiful golden blossoms, 2 inches across. Pkt., 5c.

251. — **Harvest Moon**.—Flowers fully 4 inches across, with broad, deep yellow fringed petals. In bloom all summer. Pkt., 10c.

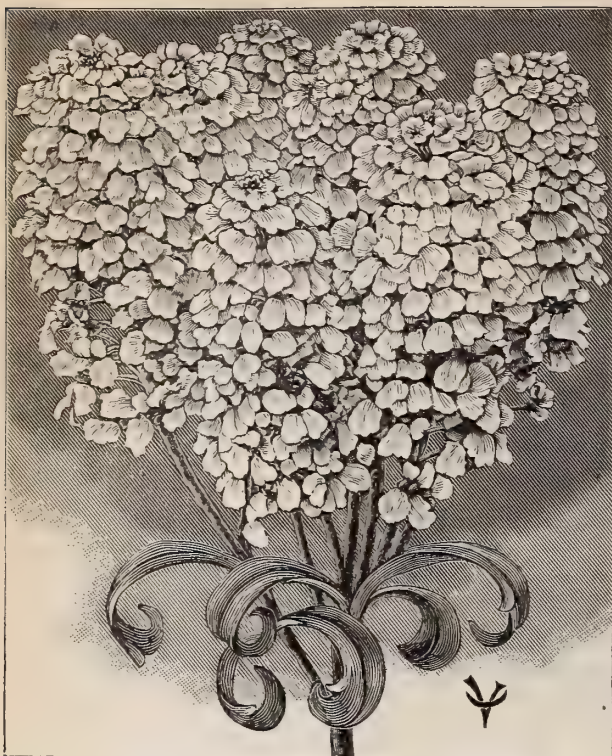
252. — **Double Sorts**, mixed. Pkt., 5c.

253. — **Dwarf Sorts**, mixed, 15 in. high. Pkt., 5c.

254. **Calliopsis**, all sorts and colors, mixed. Pkt., (300 seeds) 1c.; per ½ oz., 12c.; oz., 20c.



253. CALLIOPSIS, DWARF SORTS. Pkt., 5c.

**GIANT EMPRESS CANDYTUFT.**

263. Vaughan's extra selected stock. One of the finest varieties in cultivation. It is intermediate in height between the old Rocket and the newer Tom Thumb sorts. The plant is of very branching habit, and when fully grown and covered with its pure white flowers resembles a floral candelabra. Do not sow too thick. Pkt. (250 seeds), 7c.; 3 for 15c.; ½ oz., 20c.; oz., 30c.

CANDYTUFT.

Hardy annuals that will grow in any soil, require no care and bloom all summer. Our packets contain from 300 to 400 seeds.

SNOWFLAKE CANDYTUFT.

264. Extremely free-blooming new sort. The plants grow about 7 inches high, forming a very neat, round bush, covered with the finest pure white flowers. This is an excellent variety both for pot culture and bedding outside. A continuous bloom may be had throughout the summer by repeated sowings at intervals of about two weeks.

Pkt. (300 seeds), 7c.; ¼ oz., 20c.

265. **White Rocket**.—1 foot. Pkt., 3c.; ¼ oz., 10c.

266. **Dwarf—Tom Thumb**. Edging. Pkt., 5c.; ¼ oz., 10c.

267. **Lilacina**.—Purple lilac. 1 foot. Pkt., 3c.

268. **New Carmine**.—Dwarf; rich flowers. Pkt., 5c.

269. **Odorata**.—Sweet-scented. Pkt., 3c.; oz., 15c.

270. **Mixed**.—Annual varieties. Pkt., 3c.; ½ oz., 10c.

PERENNIAL CANDYTUFT.

271. **Sempervirens**.—Pretty white flowers. Pkt., 5c.

272. **Gibraltarica**.—Large flowers; lilac, shading off to white. Pkt., 5c.

CANARY BIRD CREEPER.

262. This handsome annual climber belongs to the Nasturtium family, and is one of the most beautiful of its class. The vines grow to a height of 20 feet and are thickly covered with flowers, which are of clear golden yellow. Pkt., 5c.; ½ oz., 15c.; oz., 30c.

CALCEOLARIA.

300. Our seed is saved from the best European collection and will produce flowers of large size and in an endless variety of colors. Directions on packet.

Pkt. (500 seeds), 25c.

**CANTERBURY BELLS.**

(Campanula.)

OUR PACKETS CONTAIN FROM 500 TO 700 SEEDS.
275. **C. Bells**.—Special mixture of single and double varieties of the finest and most striking sorts. Packet 10c.; 3 for 25c.

276. **Double Annual Varieties**.—In finest mixtures. Pkt., 5c.

277. **Single Varieties**.—Mixed, Pkt., 3c.

Seed saved from Double Flowers will always produce some single flowers.

Campanula, Cup and Saucer.

279. A beautiful variety; a most desirable and attractive addition to this class of old garden favorites. The bell or trumpet is nearly 4 inches in diameter; presents the form of a cup, hence its name. Pkt., 10c.

280. **Carpathica**.—Harebell, blue. 5c.

281. —Alba.—White. 5c.

282. **Macrantha**.—Blue, large flowers. 5c.

283. **Perennial Sorts**.—In finest mixture. 5c.

New Giant Flowered Canna.**CROZY TYPE.**

Bloom from Seed the First Summer.

Cannas From Seed.

Our seed has been saved from our own beautiful collection, comprising over fifty kinds.

But few people know that these beautiful flowers can be so easily grown from seed, and bloom the first Summer if sown before April. There was no flower so greatly admired at the World's Fair during the Summer and Fall as the New Large-Flowering Canna beds on the East side of the Horticultural Building and justly so, for they have no equals for stateliness, brilliancy and variety of colors and ever-blooming qualities. They produce flower spike after flower spike, and if carefully potted up in the Fall and kept in the house, they will continue to do so all Winter. They make elegant lawn plants and are equally desirable for pot culture.

286. **VAUGHAN'S GIANT CANNA MIXTURE**. Pkt. of 10 seeds, 5c.; 3 pkts. for 12c.; oz., 25c.

296. **RED-LEAVED CROZY SORTS**.—All the best varieties. Pkt. (10 seeds), 10c.; 3 pkts., 25c.

**Candytuft, New Dwarf Hybrids.**

Remember our discounts. One Dollar buys \$1.25 worth of seeds in packets. Our packets are very liberal and the quality of our seed unsurpassed.

**NEW GIANT****FLOWERED CANNA.****CROZY CANNA.**

SAVED FROM SEPARATE SORTS.

Chicago. The best red.

Etendard. Beautiful orange, large.

Philadelphia. A splendid red flower.

J. C. Vaughan. Bronze-leaved, orange flower.

Leonard Vaughan. The best of the red-leaved sorts.

Florence Vaughan. Yellow, with crimson spots.

Yellow Crozy. The best yellow.

Egandale. Bronze-leaved; a great favorite.

Cuba Libre. Scarlet with gold edge.

Queen Charlotte. Scarlet and gold.

The Burlington. New; rich orange.

Chas. Henderson. Crimson.

Eldorado. Dwarf; almost clear yellow.

Any of above, per pkt., of 5 seeds, 5c.; any 6 for 25c.; any 10 for 40c.



TYPE OF FLOWERS OF
MARGARET AND
CHABAUD CARNATIONS.

JUST THINK!
100 CARNATION
PLANTS
FROM SEED
FOR ONLY
10 or 15 Cents.

New Dwarf Margaret Carnation.

306. Like its parent, the Margaret, this Carnation blooms in four months from sowing, but is as much in advance of the type as the new French Cannas are ahead of the old "Indian Shot." The flowers are larger, more double and the variety of colors is infinitely greater. The plants grow about 15 inches high, flowers always erect. If taken up in the Fall, the plants bloom all Winter.

Pkt., (125 seeds) 10c.; 3 pkts. for 25c.
Also, 307. Pure White. 308. Pink. 309. Crimson.
310. Striped. Pkt., 15c.; 1 pkt. each of the 4 for 50c.

311. **Double Margaret Carnation.**—Fine double mixed. $\frac{1}{2}$ oz., 20c.; pkt., (120 seeds) 5c.



Coxcomb, President Thiers.

330. One of the most dwarf of all Coxcombs; bears large-crimson combs. It has been grown in our public parks between or alongside of rows of Golden Feverfew and Centaurea Candidissima, and when so planted made one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt., (250 seeds) 10c.; 3 for 25c.

331. **Dwarf Coxcomb.**—Splendid mixture, with crimson, pink, golden and striped combs. Pkt., 5c.

332. **Tall Sorts of Coxcomb.**—Mixed. Pkt., 5c.

CELOSIA, OSTRICH FEATHER.

This new Feathered Celosia produces very large plumes which are exquisitely curved and curled in exact resemblance of an ostrich feather. The plant grows about three feet high, is of handsome pyramidal form, and the numerous massive plumes, waving gracefully above the foliage, make it one of the most effective ornamental plants for either pot or out-door planting. It is easy of culture.

327. **Crimson Ostrich Feather.** } Each, per pkt., 7c.
328. **Orange Ostrich Feather.** } One Pkt. each for 10c.

CARNATIONS See also Novelties.

A. Varieties that Bloom the First Summer from Seed.

GUILLAUD CARNATION.

305. This new Carnation has been obtained by careful selection from the Margaret and is far superior to it or any other Carnation seed. The flowers are of larger size, better substance, greater doubleness, and more varied markings and colors, many having grounds and shadings of yellow. The Guillaud Carnation will bloom the first Summer, and if taken up in the Fall the plants will bloom during the Winter, yielding an abundance of the handsomest and most fragrant flowers.

Price, per pkt., (125 seeds) 25c.

Ever-blooming or Chabaud Carnation

312. An entirely new strain raised by M. Chabaud, a Carnation specialist of Southern France. The plants are of even height, as if trimmed, healthy and vigorous, the stalks as stiff as wire, the flowers large, very double, deliciously sweet and in the largest and most charming color variations. These also bloom in four months from the time the seedlings are up.

Pkt., (100 seeds) 15c.; 2 for 25c.

SPECIAL OFFER No. 118.—One pkt. each New Dwarf Margaret Carnation, President Thiers Coxcomb, Zanzibar Castor Bean for 25c.

B. Varieties that Bloom the Second Summer from Seed.

DOUBLE DWARF VIENNA.

314. Produces double, very sweet-scented flowers in the largest variety of colors and in the greatest profusion. With a light protection they stand the Winter. Pkt., 5c.

315. **Early Red Grenadin.**—For yielding a quantity of double red flowers there is no out-door Carnation that can equal it. It will live through the Winter with little protection. Pkt., 5c.

316. **C. New Double White Grenadin.**—Our seed will produce over 80 per cent. double white flowers of good form and substance. 10c.

317. **CARNATIONS, Extra Choice Mixed.**—Saved from a rich collection of named flowers, and will produce fine varieties. Pkt., 25c.

318. **Carnations, Fine Double Mixed.**—Sweet-scented sorts, large, double flowers. Pkt., 5c.

SPECIAL OFFER No. 119.—One pkt. each Dwarf Margaret and Chabaud Carnations and Margaret Centaurea for 30c.

CASTOR BEANS.

(RICINUS.)

Stately, strong-growing plants, with very ornamental foliage, well adapted as center plants of groups of Cannas, Dahlias, etc. Height, 5 to 15 feet. H. H. A.

320. **R. Borboniensis Arboreus.**—(Giganteus.) Immense green foliage. 15 feet. Pkt., 5c.; oz., 20c.

321. **Sanguineus.**—Beautiful brownish red foliage. Height, 6 feet. Pkt., 3c.; oz., 15c.

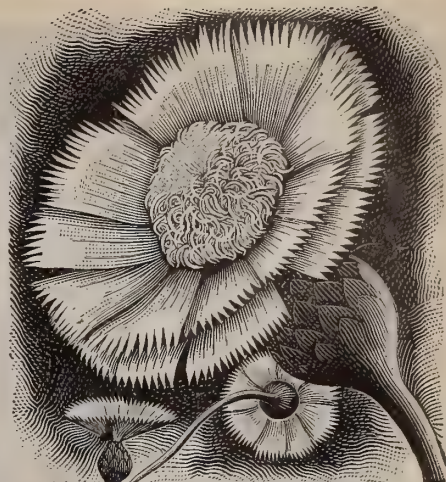
322. **Cambodgensis.**—Large palm-like leaves of the darkest bronzy maroon; stalk and stem nearly black. 6 to 8 feet. Pkt., 5c.; oz., 25c.

323. **Castor Beans, many sorts mixed.**—Per oz., 15c.; pkt., 3c.

CELOSIA, OR COXCOMB.

325. **Triumph of the Exposition.**—The foliage is of a handsome bronze color, with fine feathery flower heads. In brilliancy of color and marvelous effect they are only equaled by the Scarlet Sage, with the advantage of beginning to bloom early in the Summer, lasting the entire season. Pkt., 10c.

326. **Feathered Varieties in Finest Mixture.**—Pkt., 5c.



CENTAUREA MARGARET

335. A very handsome plant which grows about 18 inches high and produces large, pure white flowers, (our illustration represents one in natural size) of the sweetest fragrance. Being produced on long, stiff stems, the flowers are most admirably adapted for bouquets, vases, etc., especially as they keep in good condition for a week after being cut. It is easily grown as a Bachelor's Button, to which family it belongs. Pkt., (40 seeds) 7c.; 3 for 20c.

CENTAUREA ODORATA CHAMELEON.

336. A splendid companion to our lovely Centaurea Margaret. Its flowers are large, sweet-scented, and of a pale sulphur yellow, changing gradually into creamy white with purple shadings and again into pink. Pkt., 10c.; 3 for 25c.



New Zanzibar Castor Bean.

324. A new form of Ricinus; of short-jointed, stout growth and extraordinarily large leaves which are produced in such abundance that the plant is a perfect pyramid of beautiful foliage. The most tropical and ornamental Castor Bean yet introduced. The seeds, which are of extraordinary size, are beautifully mottled and speckled and show various colors, white, pink, black, crimson, etc. The seeds are as beautiful to look at as are many flowers. They are sure to please all. Pkt., (15 seeds) 7c.; oz., 15c.



CHINESE AND JAPANESE CHRYSANTHEMUMS

378. The seed we offer is saved from a collection of 50 different varieties, both Chinese and Japanese, and excellent results in the way of some grand new varieties may safely be expected. If this seed is sown in February or March and properly treated (cultural directions are printed on the bags) the plants will bloom profusely next Fall, equal to any plant started from cuttings. Please bear in mind that our seed is the product of artificial fecundation obtained from 50 different varieties, and will produce some grand flowers.

Pkt., (50 seeds) 10c.; 3 pkts. for 25c.

CENTAUREA SUAVEOLENS.

Yellow Sweet Sultan.

350. Not a new variety, but one that deserves to be in every garden. The plant grows about 2 feet high and its double flowers are large, sulphur yellow and sweet-scented, borne on long stems and splendid for bouquets. Plant in a dry place. It blooms all Summer. 5c.

Special Offer No. 122.—One pkt. each, Nos. 367, 377, and 390 for 20c.

Special Offer No. 123.—One pkt. each, Nos. 372, 378 and 390 for 35c.



NEW BACHELOR'S BUTTON, "VICTORIA."

348. A dwarf form of the favorite flower of Emperor William I., which grows only about 9 inches high, forming a ball-shaped plant. Its handsome blue color, so rare among flowers, will secure it a place in every garden. Pkt., 10c.; 3 for 25c.

ANNUAL CHRYSANTHEMUMS.

No Annual furnishes so many cut flowers as these, which bloom plentifully throughout the Summer.

356. C. Double White.—2 feet. Pkt., 5c.
357. —Double Golden Yellow.—2 feet. Pkt., 5c.

358. —Double Sulphur Yellow.—A new color; very delicate lemon; very valuable for bouquets. Pkt., 5c.

359. —*Inodorum Plenissimum*.—It furnishes double snow-white flowers in great abundance through the Summer and Fall. 2½ feet. Pkt., 10c.

360. —*Eclipse*.—Yellow, with purplish ring. Pkt., 5c.

361. —The Sultan.—Crimson maroon, single. Pkt., 5c.

362. —Golden Feather.—Foliage striking yellow; flowers white, with a crimson ring near center; single. Pkt., 5c.

363. Double Annual Chrysanthemums.—A fine mixture. Pkt., 5c.; ¼ oz., 10c.

364. Vaughan's Annual Chrysanthemums.—Single and double sorts in finest mixture, including many new varieties not listed above. Pkt., 10c.; 3 for 20c.; ½ oz., 25c.

Centrosema Grandiflora

343. A hardy perennial flower of rare beauty. It blooms early in June from seed sown in April; inverted, pea-shaped flowers from 1½ to 2½ inches in diameter, and ranging in color from a rosy violet to a reddish purple. Well adapted for every garden purpose. Pkt., 5c.



CENTAUREA, BACHELOR'S BUTTON, OR
EMPEROR (CORN) FLOWER.

* CLARKIA. *

Clarkias are very pretty plants, forming handsome little bushes from 12 to 18 inches high; are very free-blooming, of very easy culture and useful in any garden, where they will thrive without any extra care.

375. Clarkia, Single and Double Sorts in great variety. Pkt., 5c.

376. *CLEMATIS*, Large Flowering. Beautiful climber, with lovely flowers, blue, white, purple, etc. Hardy; can remain in a permanent situation. Mixed, 10c.

CLEOME PUNGENS.

THE GIANT SPIDER PLANT.

A Splendid Honey Plant.

377. A robust grower and a perpetual bloomer. The flowers are very showy, with long, slender stamens, single petals measuring an inch across and of bright rose color. Seeds grow freely if sown in open ground. Per oz., 25c.; pkt., 5c.

COREOPSIS LANCEOLATA.

390. Flowers large, single, golden yellow. For generosity of bloom there is nothing to compare with it, and it will bear cutting from better than any other plant; at the same time it is always graceful. It can be grown freely from seed, and does well when treated as an annual. Pkt., 10c.



Perennial Chrysanthemums.

CHRYSANTHEMUM MAXIMUM, LARGE OX-EYED DAISY.

367. A free-blooming hardy perennial 2 feet high, literally covered with pure white flowers, which are well adapted for cutting, lasting over a week in water. (See illustration above.) Pkt., 10c.

368. *Chrysanthemum Frutescens*.—(Paris Daisy Marguerite.) Large, white, star-shaped flowers. 5c.

Bachelor's Button, OR CENTAUREA CYANUS.

345. Very free-blooming, hardy annual, also called Blue Bottle, Ragged Sailor, Korn Blume, etc. Mixed colors. Pkt., 3c.; ¼ oz., 10c.; oz., 25c.

346. *Blue Emperor*, or Corn Flower. —Pkt., 5c.; ¼ oz., 12c.; oz., 35c.

Double Cornflower, or Bachelor's Button.

347. Cornflowers have ever been favorites with all flower lovers, and we are satisfied that this new introduction will meet with a hearty welcome. In addition to its *double*ness, this strain contains a number of new shades. Pkt., 5c.; ¼ oz., 10c.

CENTAUREA, or Dusty Miller.

These are Planted for Bedding, not for the Flowers.

351. *Candidissima*.—Leaves silvery white. 10c.
352. *Gymnocarpa*.—Silver gray foliage. 5c.



♦♦ CINERARIA. ♦♦

372. Vaughan's International Mixture.—This is a mixture of the finest English, French and German strains; the flowers are very large, from 7 to 8 inches in circumference and in the most brilliant colors. We sell a large quantity to florists who often sell their plants for \$1.00 each. Pkt., (200 seeds) 25c.

373. *CINERARIA HYBRIDA*, Mixed.—Such as is ordinarily sold. Pkt., 10c.

374. *Double Cinerarias*.—Extra fine mixed. Pkt., 25c.



MAMMOTH RAINBOW COLEUS.

387. The handsomest foliage plant obtained from seed. These Coleus are quite different from those commonly used in beds and borders, and, in fact, form an entirely new race. The plants reach a height of from 2 to 3 feet; the leaves often measure 10 inches in length and 8 inches in width, heart-shaped and handsomely crimped, toothed and frilled, their color combinations are remarkably rich, comprising all the reds, metallic greens and yellow, in shades from the most delicate to nearly black, and, indeed, pass description. Their culture is very easy; no one can fail with the seed and with rich soil and plenty of water the most gratifying results may be had. Grown either in the garden or in pots, they are very handsome. Pkt., (250 seeds) 15c.; 2 for 25c.

388. **Coleus.** Many fine varieties mixed. Pkt., (150 seeds) 5c.



COBÆA VINE.

384. One of the handsomest and most rapid growing annual climbers, running up to 30 feet in a season. The flowers are bell-shaped and of a purplish lilac when full grown. It is a very prolific bloomer and perfectly hardy. For a quick-growing climber, one that makes a show the first year, both in vines and flowers, we know of none better. Per pkt., 5c.; ¼ oz., 15c.

385. **Cobæa, White.**—Pkt., 10c.

386. **COBÆA, Mixed.**—Pkt., 10c.

Giant-Flowered Cyclamen.

THE flowers are of mammoth size and are borne well above the foliage on long, stiff stems. The coloring includes the most brilliant as well as the most delicate shades—deep crimson, purest white, rose and white with carmine spots and flakes. The foliage is also handsome, being thick, fresh and large, deep, rich green, with showy light markings. The culture of Cyclamen from seed is comparatively easy and is surely much more satisfactory and economical than from bulbs.

398. **C. Mont Blanc.**—Snow white, large.

399. —White, with pink eye.

400. —Roseum. Lovely Pink.

401. —Dark Crimson.—Deep, rich color.

Any per pkt.
of 10 seeds,
15 cents.

402. **CYCLAMEN, Giant-Flowered.**—Mixed 25 seeds, 25c.; 10 seeds for 10c.

403. **Cyclamen Persicum.**—The Persian Alpine Violet. Mixed colors. Pkt., (20 seeds) 5c.

383. **CLITORIA TERNATEA.**—Is one of the most beautiful climbing annuals, with flowers resembling Sweet Peas, but of that rich and peculiar "Corn Flower" blue. It can be grown in pots and in the garden. Good soil and an occasional application of liquid manure are essential to produce a succession of bloom. Pkt., 5c.; 3 pkts. for 10c.

391. **CORAL TREE.**—(Erythrina.) A hardy shrub, with beautiful spikes of Pea-shaped blossoms. Pkt., 10c.

396. **CUPHEA.**—(Cigar Plant.) Bears curious blossoms, somewhat resembling a lighted cigar. Pretty for bedding purposes and for pots. 1 foot. Pkt., 5c.

DATURA, or TRUMPET FLOWER.

424. **DATURA CORNUCOPIA.**—(Horn of Plenty.) The grand trumpet-shaped flowers measure from 7 to 9 inches in length and nearly 6 inches across and form 2 distinct trumpets, growing one within the other. The throat and mouth of the corolla are delicate white, while the outside is marbled with purple. A single plant often bears up to 200 flowers during the season. Pkt., (40 seeds) 10c.

379. **D. Double White.**—(Hose in Hose.) Pkt., 5c.

380. —Many colors mixed.—Pkt., 5c.



CALIFORNIA FANCY COSMOS.

SEE ALSO NOVELTY PAGES.

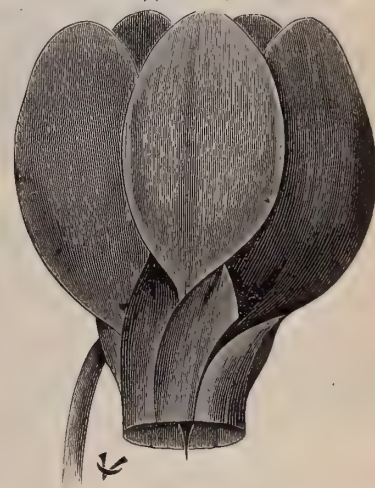
392. Cosmos have long been favorites both with the florist and for the home garden, for there is no plant which furnishes so many flowers in the Fall as these. This California fancy strain is a decided improvement on the old variety, for its flowers measure from 12 to 16 inches in circumference. The seed should be sown early, and if the plants are grown in pots, they will bloom in the house in Winter.

Pkt., (150 seeds) 5c.; ¼ oz., 15c.

393. **C. White,** pkt., 5c. 394. **C. Pink,** Pkt., 5c.

CLIANTHUS DAMPIERI. GLORY PEA OF AUSTRALIA.

382. Undoubtedly one of the most gorgeous flowers in existence and of the few that show a clear, glossy, jet-black color. The trailing plants grow 1 to 2 feet high and bear in clusters of 5 or 6 the most beautiful red flowers. Pkt., (10 seeds) 10c.; 3 for 25c.



Giant Cyclamen. Flower of Natural Size.



Giant Cyclamen, showing habit and freedom of bloom.



CYPERUS, OR UMBRELLA PLANT.

406. Grows finely in water with rich soil or mud, throwing up long stalks with narrow green leaves. Easily raised from seed. Pkt., 10c.



CYPRESS VINE. (Ipomœa Quamoclit.)

Very handsome climber; foliage light and graceful; fine for walls, etc.

408. **White, a Pink, bCrimson.**—Each, 5c.

410. **Cypress Vine.**—Many Colors Mixed.—Oz., 25c.; ½ oz., 15c.; pkt., 5c.



DOUBLE DAHLIA.

DOUBLE DAISIES.

Bellis Perennis Fl. Pl.

Vaughan's Mammoth Daisy.

For Size of Flowers and Doubleness these
have No Equals.

415. The flowers average $1\frac{1}{2}$ to 2 inches in diameter, are very double, ranging in colors from snowy white to pink and blood red, with the prettiest combinations of pink and white.

Pkt., (150 seeds) 15c.; 2 for 25c.

MAMMOTH DAISY, White.

416. The flowers are enormous, of the purest white, borne on long, stiff stems. This is the best Double White Daisy in existence. Pkt., (150 seeds) 15c.

417. **SNOWBALL DAISY.**—Long stem and large double flowers. Pkt., 5c.

418. — **Longfellow.**—Dark pink flowers, unusually large and double; very long and stiff flower spikes. Pkt., 10c.

419. **DOUBLE DAISIES, in Best Mixture.**—Including Snowball and Longfellow. Pkt., (150 seeds) 7c.

420. **Double Daisies.**—Good mixed. Pkt., (150 seeds) 3c.



415. VAUGHAN'S MAMMOTH DAISY. Pkt., 15c.

DAHLIAS.—FROM SEED.

But few people know that Dahlias can be raised from seed and will BLOOM THE FIRST YEAR. The seed we offer, if sown early, will bloom profusely all the Autumn.

425. **Best Mixture of Double Dahlias.**—Large-flowering, Pompon, Cactus and Liliput. Pkt., (65 seeds) 15c.; 2 for 25c.

426. **Double Dahlias.**—Good mixed, many fine varieties. Pkt., 5c.

427. **Dwarf Striped Dahlias.**—The large single flowers grow 3 inches and over in diameter, are of the brightest colors and are striped and blotched in the most charming manner. Pkt., 10c.

428. **NEW DWARF DOUBLE CACTUS DAHLIA.**—The plants grow in compact, well-branched, erect bushes, 30 inches in height. If sown as late as April (in the house) they will flower all Summer long and until late in the Fall. The flowers are double and in a large variety of handsome and rich colors. A very early-blooming race. Pkt., (50 seeds) 10c.; 3 for 25c.

429. **Mixture of Single Dahlias.**—Including all the novelties. Pkt., 5c.

430. **Zimpani, or Miniature Black Dahlia.**—(Also called Black Cosmos.) Produces an abundance of crimson-maroon flowers of velvety texture; 4 in. across. Pkt., 5c.

VAUGHAN'S SPECIAL DAHLIA MIXTURE.

Will Produce Flowering Dahlia Plants this Summer.

431. This mixture contains seeds from the best collections in Europe and embraces all the various strains of Double Flowering Dahlias, such as Show, Pompon, Liliput and Cactus varieties, also the single-flowering and striped sorts, and will produce a great many extra choice varieties. If you want a low-priced Dahlia bed, here is your chance. Pkt., (60 seeds) 15c.; 2 for 25c.



DIGITALIS, or FOX GLOVE.

446. Stately plants, with long spikes of thimble-shaped flowers. Many colors mixed. Pkt., (150 seeds) 3c.

DELPHINIUM, or LARKSPUR.

PERENNIAL LARKSPUR. (*Delphinium*.)

435. **Pillar of Beauty.**—(*Formosum Coelestinum*.) One of the handsomest of hardy perennials; flowers very charming delicate blue. Pkt., 5c.

436. **Grandiflorum Flore Pleno.**—Flowers large and double. A splendid cut-flower and ornamental plant. Many shades of colors in finest mixture. Pkt., 10c.

437. **Formosum.**—Bright blue, with a white center. Pkt., 5c.

438. **Nudicaule.**—Bright orange red. Pkt., 10c.

NEW CHINESE LARKSPUR.

Delphinium Sinense Grandiflorum Dwarf Compact Blue.....

139. A perennial plant of great beauty. The plants grow about 12 inches high and produce a great number of handsome blue flowers on wiry stems. Being a hardy perennial, the plants increase in size with age. Pkt., (100 seeds) 10c.

...ANNUAL LARKSPUR...

441. **Double Dwarf Rocket.**—Pkt., 3c.; $\frac{1}{4}$ oz., 10c.

442. **Double Tall Rocket.**—Mixed. Pkt., 3c.; $\frac{1}{4}$ oz., 10c.; oz., 25c.

443. **Emperor.**—Produces an abundance of long, slender flower spikes in the most delicate colors. Many colors mixed. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.



A GOOD CLIMBER

Dolichos, or Hyacinth Bean.

448. This is really a very desirable climbing plant, as it is one of quick growth. The foliage is dense and handsome, the flowers abundant and pretty and the seed pods shining, large and of a purple color. Mixed colors. Pkt., (20 seeds) 5c.; $\frac{1}{4}$ oz. 15c.

DRACAENA, or CLUB PALM.

Palm-like Plants Indispensable for Decoration.

469. **D. Indivisa.**—Grows easily from seed. Pkt., 5c.

471. **EDELWEISS.**—Famous Alpine plant. Pkt., 10c.



Hyacinth-Flowered Larkspur.

440. This hardy annual derives its name from the striking resemblance of the flowers to a double Hyacinth. The plants grow from 2 to 3 feet high; the colors are both brilliant and delicate. Their culture is the easiest possible; the seed should be sown early where the plants are intended to remain. Mixed. Pkt., 10c.; 3 for 20c.



DIANTHUS...

Hardy Garden Pinks.

For beautiful and lasting cut flowers, ease of culture and freedom of bloom these Hardy Garden Pinks have no superiors among Annuals.

DOUBLE ANNUAL PINKS.

480. **Double Chinese Pinks.**—Our mixture of this strain is extra good and contains a large variety of colors. Pkt., 3c.; $\frac{1}{4}$ oz., 15c.; oz., 40c.
481. **Chinensis Albus pl.**—Double white. 10c.
482. **Double Dwarf Pinks.**—Mixed colors; very pretty. Pkt., 5c.
485. **Double Striped and Fringed.**—One of the finest of the whole family. The flowers, which are very large and double, are beautifully fringed; greatest variety of colors. Pkt., 5c.
483. **Double Imperial Pink.**—Mixed. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.
495. **VAUGHAN'S MIXTURE OF DOUBLE PINKS.**—All the above Double Flowering Pinks and many others, in splendid mixture. Pkt. (200 seeds), 10c.; $\frac{1}{4}$ oz., 20c.
491. **Mourning Cloak.**—The most striking of all Pinks. The large, double, almost black flowers, have a clear fringed edge of white. Pkt., 7c.
492. **Laciniatus fl. pl.**—Double Japan Pinks; mixed colors with fringed flowers. Makes a lovely bed. Pkt., 5c.; $\frac{1}{4}$ oz., 25c.
493. **Vaughan's Improved Double Japan Pinks.**—This is a strain superior to any we have previously had. The flowers are large, double, of the brightest colors, handsomely fringed and borne on long, stiff stems, making them one of the most useful flowers for bouquets. Pkt., 10c.; 3 for 25c.

SINGLE CHINESE PINKS.

502. These might be described as resembling Giant Sweet Williams, with the exception that the flowers are larger, the variety of colors much greater and they bloom the first Summer from seed. These are really very desirable plants. Their culture is the simplest possible; they are showy and handsome, are excellent as cut-flowers and bloom all Summer long. Sweet Williams undoubtedly rank among the flower favorites, and a flower that surpasses them in every quality and can be had from seed the first year, will certainly prove a welcome addition to every flower garden. Pkt. (200 seeds), 10c.; 3 for 20c.

503 **Vaughan's Mixture of Single Pinks.**—This mixture is a selection from the choicest sorts in cultivation. The flowers are extraordinary large, of handsome form and embrace the most beautiful colors, ranging from white to the most delicate pink and deep glowing crimson. For beds and cut-flowers. Pkt. (250 seeds), 5c.; $\frac{1}{4}$ oz., 20c.



NEW DWARF HYBRID PINKS.

Dianthus Laciniatus Nanus.

489. A most beautiful mixture of Dwarf Pinks with fringed petals. The plants grow in perfect bush form, about 10 inches high and are remarkable for their free-flowering habit. The color of the flowers varies in all shades from white to deep rose and even to purplish-red and all are tinged more or less with bright salmony-scarlet and are marked with a dark ring around center. Pkt. (150 seeds), 10c.; 3 for 25c.

"Vaughan's Special" Mixture of Pinks.

505. This magnificent mixture contains all the above double and single flowering annual Pinks and will produce the largest variety of colors, as it embraces all the choicest sorts. We cannot recommend this mixture too highly as we know it will give entire satisfaction. Pkt. (300 seeds), 10c.; 3 pkts. for 25c.; $\frac{1}{4}$ oz., 30c.

HARDY PERENNIAL PINKS.

510. **Plumarius.**—(Pheasant's Eye Pink.) Handsome single fringed flowers, white with dark center. Pkt., 5c.
511. **Plumarius Fl. Pleno.**—Double, large-flowering Pheasant's Eye Pink, with fringed edges of various colors, mixed. Pkt., 10c.
512. **Cyclops Perpetual Blooming Pinks.**—A new strain of great beauty. The plants grow 12 to 15 inches high; flowers large, round and produced in great abundance, colors are exquisitely delicate, light rose; copper color, crimson and flesh predominating. A clove-like odor adds to their attractiveness. If sown early, they bloom the first Summer. Pkt. (100 seeds), 10c.

ESCHOLTZIA.—California Poppy.

Hardy plants bearing a profusion of richly colored flowers. Sow the seeds where the plants are wanted to bloom.

513. **E. Maritima.**—A very pretty sort; whitish-gray foliage; flowers of a bright light yellow, with distinct deep orange spots at the base. Pkt., 10c.
516. **Mandarin.**—Deep orange, a beautiful sort. Pkt., 5c.
517. **Rose Cardinal.**—Very pretty deep carmine. Pkt., 5c.
518. **Fine Mixed.**—Many colors. Pkt., 3c.; $\frac{1}{4}$ oz., 10c.; oz., 30c.
519. **Double White.** 520. **Yellow.** 521. **Rose.** Each: pkt., 10c.
522. **Double Mixed.**—The above 3 colors. Pkt., 10c.
523. **VAUGHAN'S IMPROVED CALIFORNIA POPPIES.**—This mixture includes besides the above, single and double sorts, and the new "Glory of the West," (see novelties.) Pkt., 10c.; 3 for 20c.; $\frac{1}{4}$ oz., 30c.



VAUGHAN'S IMPROVED CALIFORNIA POPPY. (ESCHOLTZIA.)



FOUR O'CLOCKS.

(*Mirabilis*, or *Marvel of Peru*.)

Large growing, shrub-like plants, with funnel-shaped flowers of many colors. Named from their habit of expanding in the afternoon.

550. **Four O'Clocks Mixed.**—Includes variegated leaved sorts. Oz., 15c.; pkt., 3c.

551. **Sweet-Scented.**—(LONGIFLORA.) Flowers white and very fragrant. Pkt., 5c.

552. **New Dwarf Sorts.**—These are fine plants, growing about 12 inches high, each forming a bush covered with flowers. All colors mixed. Pkt., 5c.

564. **Gentiana Acaulis.**—Beautiful blue flowers, with yellow throat. Pkt., 10c.

ECHEVERIA, (Hen and Chickens.)

These Plants are Easily and Cheaply Grown from Seed.

513. **E. Many Varieties Mixed.**—These seedlings will furnish a real surprise, for few people have any idea of the great variety, both in shapes and colorings, that are found among the Echeverias; our mixture comprises all the new sorts. 25 seeds. 10c.; 100 seeds, 35c.; 250 seeds, 75c.



Bouquet of Ornamental
Grasses and Everlastings.



Everlasting Flowers.

EVERLASTING FLOWERS.

These are not only very ornamental during the Summer, but very pretty for Winter decoration; last for years when cut and dried.

530. **Ammobium.**—White, on long stems.

531. **Acroclineum.**—Double and single.

532. **Helichrysum.** All colors mixed; splendid for bouquets; can be dyed any color.

533. **Gomphrena.** Clover like heads, mix'd.

534. **Rhodanthe.**—Mixed; very pretty sort.

535. **Xeranthemum.**—Double; mixed.

All of these will grow in common garden soil.

Any of above, pkt., 3c.; any 4 for 10c.

One pkt. each of the Six, 15c., postpaid.



575. GLOXINIA. Pkt., 25c.

GAILLARDIA, or Blanket Flower.

563. **G. Perfection.**—The now well-known Gaillardia *Lorenziana* is undoubtedly one of the most valuable annuals we have for cut flowers. This variety is an improvement on the above sort, producing very double flowers as round as a perfect ball, in the most varied color, and are borne on long, slender stems; when cut will keep over a week. Pkt., 5c.

GLOXINIA.

A magnificent class of house-blooming, bulbous plants, with handsome bell-shaped flowers in a diversity of the richest colors. Our International Mixture contains the finest English, French and German strains; will produce most beautiful flowers.

575. **G. International Mixture.**—The best strain in existence, embracing all the colors, the largest flowers and the latest novelties. Pkt., 25c.

576. **Gloxinia, fine mixed.** Pkt., 10c.

572. **Geum Coccineum Plenum.**—Flowers of a bright scarlet, double; last well when cut. Pkt., 5c.



HARDY PERENNIAL GAILLARDIAS.

562. These are undoubtedly among the choicest of Hardy Perennials; the flowers are large, very numerous, excellent for cutting and of the most brilliant shades of orange, crimson, scarlet and vermillion and very often a combination of all these colors in one flower. Many colors mixed. Pkt., 10c.

556. **FREESIAS.** These pretty bulbous plants, with their sprays of very fragrant and dainty white flowers, can be raised from seed and made to bloom the first year. Their beauty and delicate fragrance well repay the care given. Pkt., 5c.



544. FORGET-ME-NOT DISSITIFLORA.

FORGET-ME-NOT, OR MYOSOTIS.

Pretty little clusters of fine, delicate flowers. They succeed best in a damp, shady situation, but will thrive well in any garden soil.

For some fine new varieties, see Novelty Pages.

540. **Myosotis Alpestris.** Blue. Pkt., 5c.

541. **Alba.** Pure white. Pkt., 5c.

542. **Robusta Grandiflora.**—(ELIZA FANROBERT.) Flowers large, sky-blue, with clearly defined yellow eye. Pkt., 5c.

543. **Victoria.**—The flowers are large and of a bright azure-blue, with yellow centers. The plants form neat bushes completely covered with blooms. A valuable variety for cut flowers. Pkt., 7c.

544. **Dissitiflora.**—One of the best of all the Forget-me-nots. It is of a remarkably compact habit and a profuse bloomer, having the appearance when in full flower of sheet of exquisite blue. Pkt., 10c.

545. **Forget-me-not.**—Mixed. Pkt., 3c.

528. **EUCHARIDIUM.**—One of the prettiest of California wild flowers. It is an annual; the plants grow about 6 inches high and are completely covered with very pretty flowers of a delicate rose color, with white center. They are very shy seeders. Pkt., 10c.



493. GERANIUM ZONALE. Pkt., 7c.

GERANIUMS FROM SEED!!!

565. **Splendid Mixed.**—Planted early, they BLOOM THE FIRST SUMMER.

Pkt., ONLY 3 CENTS.

566. **Zonale Varieties.**—Saved from some of the finest collections and many choice and even entirely new varieties may be expected. Pkt., 7c.

567. **Double Varieties.** Pkt., 10c.

568. **Lady Washington.** Pkt., 20c.

569. **Apple-Scented.** Fragrant. Pkt., 10c.

573. **GILEA.**—Free-blooming, dwarf plants, valuable for mixed beds, rock-work, etc. H. A. Pkt., 3c.

577. **Golden Rod.**—Fine yellow. H. P. Pkt., 5c.

574. **GLAUCIUM Luteum.**—Very showy plant, valuable for edging and massing; leaves silvery white, flowers yellow, bell-shaped. 2 feet. Pkt., 5c.



FUCHSIA.

558. Well-known house plants. They bloom the first year from seed if sown reasonably early. Double and single varieties mixed. Pkt., (50 seeds) 15c.



598. **Ornamental Pomegranate**, or **Queen Anne's Sweet-Scented Pocket Melon**. A very curious and useful fruit. It makes a pretty vine and a very showy fruit, which has a delicious perfume; carried in the pocket or laid on the mantle it imparts a delicious fragrance; served with sugar it makes a dainty dessert. Pkt., (20 seeds) 5c.

599. **Gourd Orange**.—The well-known Mock Orange. Pkt., 5c.

600. **Apple-Shaped**.—Yellow, beautifully striped. Pkt., 5c.

601. **Pear-Shaped**.—Striped yellow and green. Pkt., 5c.

602. **Turk's Turban**.—The most peculiar of all. Pkt., 5c.

603. **Mixed Gourds**.—All the above and many others. Pkt., 5c.; ½ oz., 15c.; oz., 25c.

Gourd Collection. 604. 10 different kinds, 30c.
605. 6 " " 20c.

NEW HIBISCUS, Giant Yellow, or Sunset.

620. The flowers of this magnificent new Hibiscus are from 6 to 9 inches in diameter. Their color is a rich, deep cream, with a velvety, crimson maroon center. The plants grow from 3 to 5 feet high, and bear from 10 to 20 of their gigantic bell-shaped flowers at one time. They commence to bloom when the plants are quite young and continue until late in Fall. They are perennials and can be taken up in the Autumn and wintered over, while in the South they are quite hardy. They are very easily grown from seed, which should be started in the house to prolong the flowering season.

Pkt., (40 seeds) 10c.

NEW GILIA SNOWBANK. *Gilia Dichotoma*.

573a. The handsomest, most useful and decorative of the *Gilia* family. The plants grow about 8 inches high and are actually smothered with flowers which are of snowy whiteness. When planted in a border the effect produced is similar to a ribbon or bank of snow, so completely hidden are the foliage and flower stalks. This plant is useful for all sorts of bedding, especially for park and cemetery work. Pkt., 10c.

✻ GODETIA. ✻

Of hardy annuals none are more beautiful than these; they are of a dwarf habit of growth, the flowers are of handsome shape, in the most brilliant as well as delicate colors and are produced in marvelous profusion. Of easiest culture; a child can grow them.

580. **Godetia, Duchess of Albany**.—Flowers glossy satin white, produced in great profusion. Pkt., 5c.

581. **Bijou**.—White, with dark red spot; forms carpet-like bushes 12 inches in diameter, bearing from 200 to 300 flowers. 10c.

582. **Dwarf Lady Albemarle**.—Flowers carmine crimson; edges of the petals pale lilac; dwarf, bushy form. Pkt., 5c.

583. **Lady Satin Rose**.—Unequalled for brilliancy and richness of color. Brilliant, rosy pink, surface like satin. 5c.

584. **Nameless Beauty**.—Very lovely sort; pearl white with a red blotch. Pkt., 5c.

585. **Queen of the Fairies**.—White flowers bordered with satin rose, spotted carmine. Pkt., 5c.

• SPECIAL OFFER No. 125. •

One packet each of the above six varieties for 20 cts.

586. **GODETIA**s, many sorts and colors mixed.—¾ oz., 12c.; pkt., 5c.

587. **Dwarf sorts mixed**.—Every plant will form a neat little globular bush covered with pretty flowers. (See illustration. Pkt., 10c.; 3 for 25c.

GOURDS. A GOOD CLIMBER

A class of rapid growing annual climbers which attain a height of 20 feet in a season and are most useful for covering old fences, trellises, stumps, verandas, etc. The foliage is dense and the fruits are of the most curious shapes and colors. They are very desirable.

590. **Towel Gourd, or Luffa**.—Many ladies prefer a dish-cloth made of this Gourd to anything else, as it is always sweet and clean as long as any part of it is left. Pkt., 5c.

591. **Sugar-Trough Gourd**.—They have thick shells which are very light but durable. Pkt., 5c.

592. **Dipper Gourd**.—Valuable for household purposes; makes an excellent dipper. Pkt., 5c.

595. **Japanese Nest-Egg**.—Resembling in color, shape and size the eggs of hens; are uninjured by cold or wet and therefore make the best nest-eggs. Pkt., 5c.

596. **Hercules Club**.—Longest of all. 5c.

597. **Large Bottle Gourd**.—Handsome and useful. Pkt., 5c.



Godetia.



GYPSOPHYLA.

Gypsophila, or Angel's Breath.

608. An annual that should be in every garden, for it thrives everywhere and furnishes the loveliest material for all kinds of bouquets, be they Roses, Carnations, Dahlias or anything else. As our illustration shows, the tiny little flowers are borne in abundance, on long, graceful, branching stems, which lend a most graceful light appearance. Pkt., 5c.; ½ oz., 10c.; oz., 15c.

609. **Gypsophila Paniculata**.—(BABY'S BREATH.) Flowers white; a hardy perennial, which will stay in the ground all Winter. Pkt., 5c.

✻ Our Wildflower and Children's Garden. ✻

610. There is great need for a spot in the garden that the little ones can call their own, where the daintiest, sweetest flowers, easy of culture and of rapid growth, can be grown for their special enjoyment. Nothing appeals so instantly to a young fancy as bright colors and beauty of form and the influence on the mind when in its most receptive state, of a constant association with nature and its beauties, will be found to create beneficial impressions lasting a lifetime. Not only is the love of the beautiful and the artistic taste aroused, but there also comes a love of order and an incentive to work with a noble object when the child is given a personal interest in the cultivation of the garden. With a small expense of loving and thoughtful labor, the Children's Garden can be transformed into a delightfully attractive spot, overflowing with charm and fascination in its quaint, exquisite beauty and forming the most instructive of schoolrooms and the happiest of playgrounds. This mixture embraces over 100 sorts of easy-growing flowers most suitable for any bare or unsightly spots in the yard, to sow along fences, on embankments, etc. All the cultivation necessary is some thinning out where the plants are too crowded and to keep the spot clear of weeds.

Our packages contain half an ounce of seed. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.25.



WILDFLOWER AND CHILDREN'S GARDEN MIXTURE.

Vaughan's Prize Hollyhocks.

SEE ALSO NOVELTIES.

All our seeds of this beautiful plant have been saved from the finest and largest double flowers only and will produce flowers extremely double and in the best, brightest and most charming colors. Sow early.

FOR ROOTS, SEE PLANT DEPARTMENT.

621. Double White. 622. Pink. 623. Crimson.
624. Canary Yellow. 625. Salmon.
626. Faust, black, edged with white.

Per pkt., 10c.; any 3 for 20c.

627. **Vaughan's Prize Hollyhocks.**

In the largest variety mixed; includes all the above named separate colors and others. Pkt., (100 seeds) 10c.; 3 for 20c.; $\frac{1}{4}$ oz., 35c.

628. **Double Hollyhocks.**—A good mixture. Pkt., 5c.

629. **Single Hollyhocks.**—Our mixture contains all colors. Pkt., 10c.

619. **Heuchera Sanguinea.**—A new hardy perennial of great merit. Plants grow about 18 inches high, form neat bushes and produce their flowers in long, graceful trusses of the brightest crimson. They are exceedingly handsome and valuable for cut flowers. Pkt., (100 seeds) 10c.

633. **Ice Plant.**—(Mesembryanthemum.) Suitable for rock work, hanging baskets, etc. Foliage thick, flowers frosted, wax-like. Pkt., 5c.

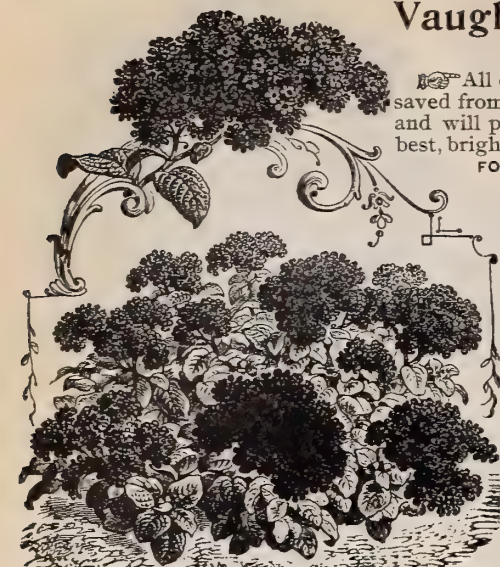
Impatiens Sultani. New Hybrids.

635. One of the prettiest plants for pot culture and also out-door planting in a half-shaded situation; are remarkable for their long duration of bloom. This mixture contains several new shades of "cerise" dark violet, pink and carmine rose. Their culture is as easy as that of Fuchsias from seed. Pkt., (25 seeds) 10c.

636. **Impatiens Sultani.**—(Zanzibar Balsam.) Produces an abundance of rosy carmine flowers; is one of the most distinct and beautiful plants for window culture. Pkt., (25 seeds) 10c.



VAUGHAN'S PRIZE HOLLYHOCKS.



FLOWERING HELIOTROPE PLANTS.

FROM SEED SOWN IN SPRING.

It is but little known that seed sown in February and March will produce large, flowering plants the first Summer. Our mixture contains seed from many named sorts and will produce fine plants with proper treatment. Cultural directions on package.

615. a. **Heliotrope, mixed.** Pkt., (100 seeds) 5c.

Helichrysum. (See Everlasting Flowers.)

618. **Hesperis.** (SWEET ROCKET).—Mixed. Pkt., 5c.



LOBELIA. See also NOVELTIES.

A dwarf plant with delicate, graceful foliage and pretty, fine flowers. Of value chiefly for hanging baskets and borders. H. H. P.

646. **L. Erinus Emperor William.**—Dwarf, dark blue. Pkt., 5c.

647. **Crystal Palace.**—(Compact.) Deep blue, dark foliage; the best bedding sort; grows only 6 in. high. Pkt., 10c.

648. **Speciosa.**—Dark blue; best for hanging baskets. Pkt., 5c.

649. **White Gem.**—Grand sort for ribbon and carpet bedding and for pots. 10c.

650. **Mixed Colors.**—Pkt., 5c.

651. **Splendens.**—A half-hardy herbaceous plant, producing large, intense scarlet flowers on a long, slender stem. 10c.

640. **LATHYRUS.**—(EVERLASTING PEA.) Mixed. Pkt., 5c.

642. **LINARIA Cimbalaria.**—(KENILWORTH IVY.) Pretty climber. 5c.

643. **LINUM.**—(FLOWERING FLAX.) Flowers bright scarlet. Pkt., 5c.

663. **Lophospermum Scandens.**—Quick-growing, graceful climber, excellent for use in hanging baskets or in a shady situation. Flowers rosy purple. Pkt., 5c.

662. **MAURANDIA.**—A climber having tube-shaped flowers which last until late in the Fall. 10 feet. Mixed. Pkt., 10c.



VARIEGATED JAPANESE HOP.

631. There is no harder climbing vine than the Japanese Hop and for quick growth, resistance to drouth and insects it has no equal. This new sort possesses all the good qualities of its parent and in addition has beautifully variegated foliage, splashed and streaked with white. 10c.

632. **Japanese Hop.**—One of the most rapid growing, ornamental climbers. Pkt., 5c.



LEMON VERBENA



DOUBLE MONKEY FLOWER.

Mimulus Tigrinus Hybridus fl. bl.

680. It grows about 8 inches high, as shown in our illustration, is remarkably free of bloom, the flowers are double and shade in color through pale yellow, golden, flesh, rose, crimson and maroon, handsomely blotched and marked. This bizarre plant is of easy culture, thriving in any moist or shady situation and its gorgeous blossoms delight the eye for a long time. Pkt., 10c.; 3 for 25c.

681. **Single Monkey Flower.**—A showy variety with fine, blotched flowers. Pkt., 5c.

682. **NEW DWARF MUSK PLANT.**—It is very free blooming, of close, compact growth and only 3 or 4 inches high. Blossoms are of full size and exquisite fragrance. Pkt., 10c.

683. **M. MOSCHATUS, Musk Plant.**—Pkt., 5c.

LEMON VERBENA.

641. The seed of this grand old favorite is very scarce. Our seed is fresh and pure. The leaves are delightfully fragrant and refreshing. It grows easy from seed and lives from year to year. Pkt., (60 seeds) 7c.

638. **Lantana Hybrida.**—A very pretty perennial plant, suitable for out-door use in Summer and for house culture. Flowers Verbena-like, in many colors. Pkt., 5c.

654. **LUPINUS.**—Tall. Mixed. Pkt., 5c.

655. **Dwarf Sorts.** Mixed. Pkt., 5c.

656. **True Blue Lupin.**—*Lupinus Sub-carnosus.* Anyone who loves blue flowers, such as Blue Sage or Blue Cornflower, should have a packet of this handsome Lupin. Plants grow about 15 inches high, and the seed is sown right in the open ground. Pkt., 5c.



LANTANA.



NEW FRENCH MARIGOLD.

668. **LEGION OF HONOR.**—One of the prettiest and handsomest of the Marigolds. The plants grow 9 inches high, are insect and drought proof and will bloom from the middle of Summer until late in Fall. Flowers rich, golden yellow marked with velvety brown. Pkt., 5c.

670. **Double French Marigold, Mixed.**—Pkt., 3c.; ½ oz., 15c.

672. **Imported Collection of Double French Marigolds, 6 colors, 20c.**

673. **Cape Marigold.**—(CALENDULA.) Mixed colors. Pkt., 3c.

674. **Vaughan's Special Mixture Dwarf Marigolds.**—Pkt., 10c.; 3 for 25c.

674. **MATRICARIA, Double Feverfew.**—Lovely little plants with double white flowers and pretty, curled foliage. Pkt., 5c.

676. **MARTYNIA.**—A plant with singular seed vessels; used for pickles. 5c.

MARIGOLDS.

EVERYBODY knows Marigolds, or as they are also called Indian Pink or Indian Rose. Their odor is perhaps not agreeable to everyone, but this little defect is largely compensated for by the beauty of both flowers and plants, the long duration and usefulness of their blossoms and their extreme hardiness and ease of culture. The foliage is **always green** and handsome, even during the hottest months; insects will rarely ever attack them; they are **always in bloom**. The colors are of the brightest, rich golden-yellow, a shade by no means common amongst flowers, lemon-yellow, orange and brown. The flowers of the tall sorts are of immense size, often attaining a circumference of twelve inches and over and are as double as a rose.

663. **Eldorado.**—Immense flowers 9 to 14 inches around; double; primrose, lemon, orange and golden shades. 3 feet. Pkt., 5c.; ¼ oz., 15c.

664. **Lemon Queen.**—Flowers are very large and double, plants about 18 inches high; form handsome, globular bushes. Pkt., 5c.

671. **Dwarf Gold Striped Marigold.**—Rich, velvety maroon, striped with gold. Pkt., 5c.

665. **Double African Marigold, Mixed.**—Pkt., 3c.; ½ oz., 15c.

666. **Imported Collection of Double African Marigolds, 6 colors, 20c.**

667. **Vaughan's Special Mixture of Double Tall African Marigolds.**—Per pkt., 10c.; 3 for 25c. Includes all the best colors; made from separate sorts.

688. **MEXICAN FIRE PLANT.**—(*Euphorbia Heterophylla*.) Grows 2 to 3 feet high, with smooth, glossy leaves which become dark, fiery scarlet. A most attractive object on the lawn; easy to cultivate. Pkt., 10c.



ELDORADO MARIGOLD.

Vaughan's Giant Machet.

690. There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, being crinkly, while its odor is strong and most delicious. The plants grow in handsome bush form and the flower spikes are borne on stiff, wiry stems. It is the **Best Mignonette** for all purposes, either in pots or for the garden. It is an **Everbloomer**, the flowers lasting until late in the Fall. We supply this sort largely to our florist customers. Our seed is grown with the most scrupulous care and it gives entire satisfaction. Do not fail to get **Vaughan's Giant Machet** for sowing in your garden and another package to sow in pots in June or July to bloom next Winter.

Pkt., 10c.; 3 for 25c.; ½ oz., 40c.; oz., 65c.

NEW GOLDEN MACHET.

691. This new Mignonette possesses all the excellent qualities of the red-flowering Machet (Vaughan's Giant). Like the Machet, a splendid variety for pots and cut-flowers, while the long, massive spikes are crowded with golden-yellow blossoms. This is a very valuable and distinct novelty. Pkt., (200 seeds) 10c.

ALLEN'S DEFIANCE.

692. When grown under favorable conditions and with proper care, the spikes will grow from 12 to 15 inches long. The flowers are of most delicious fragrance. The individual florets are of large size and stand out boldly, forming a graceful as well as compact spike. It also possesses extraordinary keeping qualities, the spikes having kept three weeks after cutting, retaining their grace and fragrance to the last. Pkt. (200 seeds) 10c.

693. **Giant Red.**—This wonderful Mignonette grows 12 to 16 inches in height, in pyramidal form; its enormous Flower Spikes are of the largest size, the individual blossoms of an intense red color and are very sweet-scented. One of the best for cut flowers and pots. Pkt., 10c.; ¼ oz., 20c.

694. **Large-Flowering Pyramidal.**—Flowers very sweet stems large and stiff. One of the best for cut flowers. Pkt., 5c.

695. **Grandiflora.**—Large-flowered. ¼ lb., 25c.; oz., 10c.; pkt., 3c.

696. **White Diamant.**—New, pure white, sweet. Pkt., 10c.

697. **Parson's White.**—Distinct, almost white. Pkt., 5c.

698. **Gabriele.**—New, red-flowering; very sweet, spikes very thick; one of the best. Pkt., 10c.

699. **Nana Compacta Multiflora.**—Dwarf; flowers red and very sweet. One of the best for pot culture. Pkt., 5c.

701. **Golden Queen.** Distinct sort, golden flowers. Pkt., 5c.

702. **Mixture of many sorts.**—Oz., 20c.; ½ oz., 12c. pkt., 3c.

703. **Giant White Spiral.**—Very long, white spikes produced in great abundance; a most excellent cut flower; is not fragrant. Pkt., 5c.

704. **SPECIAL OFFER No. 130.** One pkt. each Giant Machet, Golden Machet and Giant White Spiral for 20c.

MINA SANGUINEA.

708. One of the most beautiful annual climbers in our list; a very profuse and early bloomer. The vines attain a height of 20 to 30 feet very rapidly the leaves resemble oak leaves and the flowers are borne in large clusters. Blood red, yellow throat. Pkt., (25 seeds) 10c.

MINA LOBATA.

709. A charming Mexican climber, with tube-shaped flowers produced in the greatest profusion. In color they are particularly attractive, the buds being first of a bright red, but changing through orange-yellow to creamy white when fully expanded. The foliage is very handsome, dense and luxuriant; of vigorous growth; attains a height of 12 ft. Pkt., (20 seeds) 10c.

710. **Mina Sanguinea and Lobata, Mixed.**—Pkt., (20 seeds) 10c.

Mignonette. SEE ALSO NOVELTIES.



VAUGHAN'S GIANT MACHET MIGNONETTE.

Morning Glories....

- 715 **Morning Glory**.—Imported collection of 8 distinct colors. 20c.
 716 **White**, 3c. 717 **Blue**, 3c. 718 **Crimson**, 3c. 719 **Striped**, 3c.
 720 **Morning Glory**.—Mixed. 1 lb., 65c.; ¼ lb., 20c.; oz., 10c.; pkt., 3c.

DWARF MORNING GLORIES.

721 These should more justly be called **Everblooming Morning Glories**, for they are covered with flowers from June until late in Fall. The only annual that equals it in freedom of bloom is the *Godezia*. The flowers are of the same size and shape as the tall or climbing Morning Glory. The colors are most varied, pleasing and delicate. Many colors mixed. **Oz., 15c.; pkt., 3c.**

722 **Convolvulus Mauritanicus**.—Beautiful blue flowers. Pkt., 5c.

723 **Brazilian Morning Glory**.—(*IPOMŒA SETOSA*.) A grand and luxuriant twining vine. The thick stems and leaf stalks are covered with reddish-brown hairs. The deeply lobed leaves are from eight to twelve inches across; flowers about two inches in diameter, of delicate texture, tinted pink, with a five-pointed star of satiny pink and are followed by curious seed pods. Pkt. (15 seeds), 10c.

724 **Noonday Glory**.—(*SINUATA*.) Leaves slender, tough and hairy; flowers bell-shaped, in clusters, with wine-red throat. A splendid climbing vine whose flowers open at sunrise and close at sunset. Pkt. (15 seeds), 10c.

725 **HEAVENLY BLUE**.—Foliage very large, heart-shaped; flowers four to five inches across, in large clusters and produced in such abundance as to nearly hide the foliage. Color most magnificent sky-blue. Pkt. (10 seeds), 10c.

726 **Leari**.—Satiny-blue; crimson bars. Pkt. (12 seeds), 10c.

727 **Bona Nox**.—(*EVENING GLORY*.) Violet; flowers large and fragrant, especially in the evening. Pkt., 5c.

728 **MOONFLOWER**, *Ipomœa Noctiflora*.—It bears lovely white flowers five to six inches in diameter, with a five-pointed star in the center; the flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Start the seed in the house and set out as early as safe in the Spring. Pkt. (10 seeds), 7c.

729 **SPECIAL OFFER No. 132**.—One packet each of White Moonflower, Heavenly Blue, Brazilian Morning Glory and Noonday Glory for 25 cents.

Vaughan's Special Mixture of Morning Glories.

731 This mixture contains, besides the Imperial Japanese Morning Glories, a large percentage of double-flowering varieties and the following new sorts, which can be had only in this mixture: **Adonis**, flowers of gigantic size, light purple, with snowy-white throat; **Aglaia**, leaves marbled with silver, flowers large, crimson, with white throat; **Antigone**, flowers very large, sky-blue, with pink throat; leaves mottled white; **Asteri**, flowers very large, copper-red, with white throat, a color not found in any other flower; **Aurata**, flowers lilac or porcelain blue, with ruffled edges which contrast most pleasingly with the golden foliage; **Ceres**, this has large, crimson flowers, with a broad, white edge and white throat. It also contains the **Ruffled and Frilled "Collata"** varieties and **Euphrosyne**, a variety with immense white flowers with pink throat.

Price, per pkt. (35 seeds), 15c.; 2 pkts. for 25c.

Oenothera, Evening Primrose

805 Neat plants, with large, saucer-shaped flowers, white or golden-yellow; open at dusk; emit a delightful perfume. Pkt., 5c.

Oenothera, Mexican Primrose

806 A most desirable plant for Summer and Autumn blooming. The plants grow about ten inches high and are covered with large flowers of a beautiful pink, with a white center. Useful both for pots and out doors. Pkt. (about 300 seeds), 10c.

Oxalis Rosea, Mixed.

808 A most excellent little plant for borders or pots; blooms all Summer in the greatest profusion; flowers dark rose, delicate pink and white. Pkt., 5c.

Oxalis Tropæoloides.

809 Suitable for rock work, rustic baskets, etc.; largely used in parks. Flowers deep yellow. Leaves brown; height, 6 inches. Pkt. (150 seeds), 5c.

Note our liberal discounts on seeds in packets.

JAPANESE IMPERIAL MORNING GLORIES.

730 Their varieties of color are infinite, running from snow-white through all possible shades of blue and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and bordered in wonderful fashion and sometimes show rare shadings of ash-gray, bronze, terra cotta, brown and slate-blue, colors rarely found in any other flowers. The leaves are also very handsome; some are ivy-like, others are heart-shaped, some are rich green, while others are streaked and marbled with white and silvery-gray or yellow, others with choicest flowers have rich, golden leaves. They will grow twenty feet high by August 1st. They grow like weeds anywhere in sun or shade, but the seeds germinate a little slower than those of the common Morning Glory.

Pkt. (30 seeds), 5c.; ½ oz., 10c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; lb., \$1.50, postpaid.



NICOTIANA AFFINIS. Sweet-Scented Tobacco Plant.

802 This recently introduced Tobacco Plant attains a height of about two feet and produces an abundance of large, pure white flowers of delicious fragrance. It also succeeds finely as a house plant. If the plants are taken up in the Fall, cut back and potted, they will bloom all Winter. Pkt., 5c.



NIGELLA, or Love in a Mist.

One of the prettiest and hardest annuals. Sow seed in Spring in open ground.

803 **Nigella, Double Blue and White Mixed**. Pkt., 5c.

Nemesia Compacta Elegans.

801 A very pretty, hardy annual, with an abundance of pretty little flowers of a soft lavender or pale rose color. The flowers are produced through almost the entire Summer and the plants are very well suited to beds and borders. Pkt. (120 seeds), 10c.



ORNAMENTAL GRASSES.

812 These are most useful for Winter bouquets: enormous quantities of them are annually grown in Germany and exported to the United States, where they are made up into bouquets with Everlasting Flowers. They are easily grown in any soil. Pkt., 10c.; 3 for 20c.

VAUGHAN'S NASTURTIIUMS

NEW LILLIPUT NASTURTIIUM.

740. This new class of Dwarf Nasturtium might be styled a miniature form of the Lobb's Nasturtium, being evidently a sport from this beautiful climber. The plants and flowers are both smaller than those of the Dwarf Nasturtium and present a most charming appearance. The dainty little flowers are produced in abundant profusion right over the prettily veined leaves. This new mixture contains all the rich velvety and soft color variations of the Nasturtium family and some new shades such as are produced in our Madame Gunther's Hybrids. We consider this one of the best introductions of last season and we know it will give entire and general satisfaction.

Pkt., (25 seeds) 5c.; ½ oz., 10c.; oz., 20c.

DWARF, OR TOM THUMB VARIETIES.

PRICE: Any of the following, pkt., 3c.; oz., 10c.

741. **Aurora.**—Deep chrome yellow, the two lower petals blotched and veined carmine.

742. **Beauty.**—Scarlet, splashed canary.

743. **Chameleon.**—Straw color, spotted; veined with red.

744. **Crystal Palace Gem.**—Sulphur, maroon spots.

745. **Empress of India.**—A splendid dwarf variety, very dark leaves; crimson flowers. The true dark-leaved sort is scarce.

746. **Golden Cloth.**—Distinct and striking. The foliage is of a bright yellow, while the flowers are intense scarlet.

747. **Golden King.**—Brilliant yellow.

748. **King Theodore.**—One of the best dark red sorts, with dark, bluish-green foliage; a great favorite with florists.

749. **King of Tom Thumbs.**—Intense deep scarlet flowers, dark foliage; very handsome.

750. **Prince Henry.**—A new and novel sort; the flowers are of a beautiful golden-yellow, spotted and marbled with brilliant scarlet, which in combination with the dark green foliage presents a striking appearance.

752. **New Bronze.** 753. **Rose.**—Pleasing color.

754. **Ruby King.**—Peculiar blue-tinted red.

755. **Scarlet King.**—Brilliant scarlet.

756. **Pearl.**—Creamy white.

757. **Spotted King.**—A very handsome sort.

758. **Terra Cotta.**—A novel color.

751. **Lady Bird.**—The ground color is a rich golden-yellow, each petal is barred with a broad vein of bright, ruby crimson.

759. **Park Collection No. 1.**—Ten Varieties of Dwarf Nasturtiums, our choice, one packet each, for 20c.

760. **Park Collection No. 2.**—1 Oz. each of 10 Varieties of Dwarf Nasturtiums, our choice, for 80c. (This price is net, without discount.)

761. **"VAUGHAN'S SPECIAL" Mixture of Dwarf Nasturtiums.**

All the above sorts and "Lilliput" in even mixture, put up by ourselves; will furnish the most beautiful bed.

Lb., \$1.50; ¼ lb., 45c.; 2 ozs., 25c.; oz., 15c.; pkt., large size, 10c.; 2 for 15c., postpaid.

762. **DWARF NASTURTIIUM, Mixed.**—MANY COLORS. Lb., 75c.; ¼ lb., 25c.; 2 ozs., 15c.; oz., 10c.; pkt., 3c., postpaid.

TALL VARIETIES.

Price, any kind,
Per oz., 10c.; pkt., 3c.

763. **King Theodore.**—Rich, deep crimson, dark leaves; most striking variety of its class.

764. **Edward Otto.**—Velvety bronze.

765. **Hemisphericum.**—Straw color, with rosy scarlet blotches.

766. **Heinemanni.**—Silky bronze chocolate.

767. **Tall Pearl.**—Cream white.

768. **Tall Prince Henry.**—New. Flowers light yellow, marbled and striped with bright scarlet; very fine.

780. **Tall Nasturtium, Mixed.**—Many colors. Lb., 70c.; ¼ lb., 25c.; oz., 10c.; pkt., 3c., postpaid.

781. **"Tall Collection," No. 1.**—Ten varieties, our choice, one packet each, for 20c.

782. **"Tall Collection," No. 2.**—Ten varieties, our choice, one ounce each, for 80c.

792. **"VAUGHAN'S SPECIAL" Mixture of Tall Nasturtium.**

Includes all the above sorts of Tall and Lobb's Nasturtiums and the beautiful "New Hybrids of Mad. Gunther,"

and the Canary Bird Creeper and is the finest mixture ever offered.
Lb., \$1.50; ¼ lb., 45c.; 2 ozs., 25c.; oz., 15c.; pkt., large size, 10c., postpaid.

LOBB'S NASTURTIIUM

Price, any kind,
oz., 15c.; pkt., 5c.

They are as easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Also very desirable for Winter blooming.

783. **Asa Gray.**—The lightest color of all Nasturtiums; pale sulphur yellow; very delicate.

784. **King of the Blacks.**—Deepest brown.

785. **Spitfire.**—Bright scarlet, very effective.

786. **Giant of Battles.**—Sulphur, spotted red.

787. **Lili Schmidt.**—Scarlet.

788. **Napoleon III.**—Golden.

789. **Cardinal.**—Scarlet.

790. **Lucifer.**—Bright, glowing scarlet.

791. **Lobb's Nasturtium, Mixed.**—All the above and others. Lb., \$1.00; ¼ lb., 30c.; oz., 10c.; pkt., 5c.

CHICAGO PARKS BEDDING PANSIES.

This is the best strain for bedding purposes. The plants are of vigorous, even growth, the flowers are large and of good substance.

Per pkt., any of the following, 3c.; 6 for 15c., except where noted. Our pkts. of Chicago Parks Bedding Pansies contain 75 seeds and over.

- | | | |
|--|--|---|
| 815. Azure Blue. —Velvety, dark. | 823. Coppery Scarlet. —Very bright. | 832. Fire King. —The three lower petals each have a deep brown-red blotch with a broad margin of yellow, while the upper two petals are of a most intense fiery red. Pkt., 5c. |
| 816. Baron Rothschild. —Brown blotches. | 824. Dark Blue. —Large. | 833. Golden Gem. —Golden-yellow, without black center. Pkt., 3c. |
| 817. Black, with Red and White Margin. —Handsome. Pkt., 10c. | 825. Dark Colors. —Mixed. | 834. Havana Brown. —Glossy brown. |
| 818. Black, with Red and Yellow Edge. —Pkt., 10c. | 826. Deep Yellow. —Very rich. | 835. Large Spotted White. —One of the largest; a fine bedder. Pkt., 10c. |
| 819. Black, with Gold Bronze. | 827. Dr. Faust. —Deep jet black. | 836. Large Spotted Yellow, blue edge. —Distinct. Pkt., 10c. |
| 820. Blue Black. —Splendid for bedding. | 828. Emperor William. —Ultra-marine blue, with dark center. | 837. Light Blue. —Delicate shade. |
| 821. Brown and Gold. —New. The oddest shades. Pkt., 5c. | 829. ENGLISH "Face Pansy." —A fine bright blue color. Pkt., 5c. | 838. Lord Beaconsfield. —Purple violet, shading off to lavender. |
| 822. Cardinal Red. —New. Rich, brownish scarlet. Pkt., 5c. | 830. Fire Dragon. —Fiery orange; dark eye. Very effective. | 839. Mahogany Colors. |
| 823. Peacock. —Upper and lower petals royal purple. shot with peacock blue. Coloring is truly beautiful. Pkt., 10c. | 831. Gold Margined. —Most distinct. | 840. Marbled Mixed. —Very handsome. |
| 824. Prince Bismarck. —Bronze and light brown. | | 841. Odier, or Five-Blotched. —Each petal has a large blotch, with clearly defined margin. Pkt., 10c. |
| 825. Quadricolor, or Pheasant's Eye. —One of the prettiest. Upper petals sky-blue, edged with violet; lower petals spotted and marbled. | | |
| 826. Rosy Lilac. —A pretty shade. | 842. Striped, or Fancy. 5c. | |
| 827. Silver Edge. —Dark, light edge. | 843. Velvet Brown. —Rich shades. | |
| 828. Snow Queen. —White, pure. | 844. White. —With dark center. | |
| 829. COQUETTE de POISSY. —Of a lovely, distinct slate, or mouse color, of good size and form. Pkt., (75 seeds) 5c. | | |

851. **Chicago Parks Bedding Pansies, Mixed.**—All the above. Pkt., (150 seeds) 5c.; 3 for 12c.; $\frac{1}{8}$ oz., 25c.; oz., \$1.50.



ODD PANSIES.

852. Our Pansy Mixture received the only medal at the World's Fair. Our strains are the only ones that contain an extra large proportion of reds, stripes, browns, gold-edged and like colors, selected for their odd and distinct markings. The admiration of thousands for these shades has prompted us to put up a special mixture of such alone. Pkt., (100 seeds) 10c.; 3 for 20c.

Sweet-Scented Pansies.

853. This lovely new class is the result of a hybridization or crossing of the Pansy with the Sweet Violet, retaining the delightful Violet perfume, with Pansy blooms 2 inches in diameter, of good substance and in many colors. They include pure white, yellow, black, maroon, orange and lavender, also striped, blotched, feathered, etc. Pkt., 15c.; 2 for 25c.

Vaughan's Mixture of Scarlet and Red Pansies.

854. This is a mixture of special selections of Pansies with red and scarlet flowers. It is partly made up of such varieties as Meteor, Red Ridinghood, Cardinal, Fiery Faces and also from some special selections we had made for this mixture by several Pansy specialists. A bed of these Pansies presents a striking and beautiful effect and will please every lover of this favorite flower. Pkt., (100 seeds) 10c.; 3 for 20c.

Vaughan's Mixture of Fancy Striped Pansies.

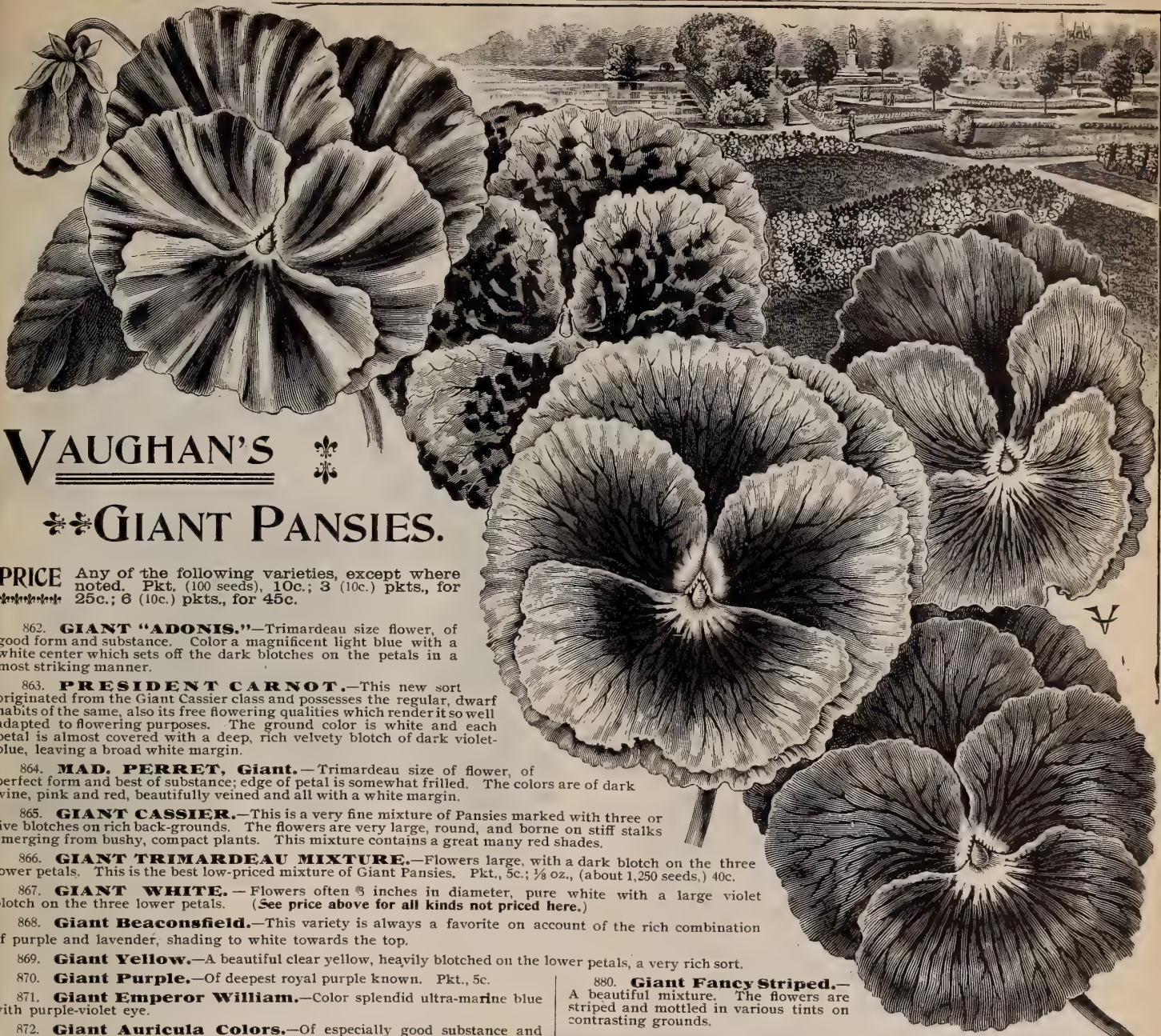
855. This contains the Giant Striped, the New Parisian, or Harlequin Striped and several other strains of striped and mottled Pansies on various and contrasting backgrounds. Pkt., (100 seeds) 10c.

One pkt. each Nos. 854 and 855 for 15c.

Vaughan's Premium Pansies....

WHILE the Giant-Flowered Pansies are great favorites on account of the immense size of their flowers, Vaughan's Premium Pansies excel in their endless variety of color, combined with perfection of form and velvety texture and substance of their petals. This strain, most celebrated all over Europe, is from a specialist who has devoted his life to the improvement of these flowers; no better strain is to be had. It is impossible to describe them, as they embrace all colors and markings.

856. **Vaughan's Premium Pansies in Splendid Mixture.**—Pkt., (120 seeds) 10c.; 3 for 25c.; $\frac{1}{8}$ oz., \$1.00. Special Offer No. 133.—1 pkt. each, Nos. 856 and 890 for 25c.



VAUGHAN'S

GIANT PANSIES.

PRICE Any of the following varieties, except where noted. Pkt. (100 seeds), 10c.; 3 (10c.) pkts., for 25c.; 6 (10c.) pkts., for 45c.

862. **GIANT "ADONIS."**—Trimardeau size flower, of good form and substance. Color a magnificent light blue with a white center which sets off the dark blotches on the petals in a most striking manner.

863. **PRESIDENT CARNOT.**—This new sort originated from the Giant Cassier class and possesses the regular, dwarf habits of the same, also its free flowering qualities which render it so well adapted to flowering purposes. The ground color is white and each petal is almost covered with a deep, rich velvety blotch of dark violet-blue, leaving a broad white margin.

864. **MAD. PERRET, Giant.**—Trimardeau size of flower, of perfect form and best of substance; edge of petal is somewhat frilled. The colors are of dark wine, pink and red, beautifully veined and all with a white margin.

865. **GIANT CASSIER.**—This is a very fine mixture of Pansies marked with three or five blotches on rich back-grounds. The flowers are very large, round, and borne on stiff stalks emerging from bushy, compact plants. This mixture contains a great many red shades.

866. **GIANT TRIMARDEAU MIXTURE.**—Flowers large, with a dark blotch on the three lower petals. This is the best low-priced mixture of Giant Pansies. Pkt., 5c.; $\frac{1}{2}$ oz., (about 1,250 seeds,) 40c.

867. **GIANT WHITE.**—Flowers often 3 inches in diameter, pure white with a large violet blotch on the three lower petals. (See price above for all kinds not priced here.)

868. **Giant Beaconsfield.**—This variety is always a favorite on account of the rich combination of purple and lavender, shading to white towards the top.

869. **Giant Yellow.**—A beautiful clear yellow, heavily blotched on the lower petals, a very rich sort.

870. **Giant Purple.**—Of deepest royal purple known. Pkt., 5c.

871. **Giant Emperor William.**—Color splendid ultra-marine blue with purple-violet eye.

872. **Giant Auricula Colors.**—Of especially good substance and beautiful shadings of copper and mahogany colors.

873. **Giant Coal Black.**—A jet black of truly giant size.

874. **GIANT COPPER COLOR.**—Can be had from us only.

875. **GIANT PINK.**—An entirely new color, resembling Hydrangea flowers, many delicate shades of pink, immense flowers of good substance.

876. **Giant Aurora.**—Flowers large, color pure white without blotches.

877. **Giant Golden Queen.**—Like above, Trimardeau size of flowers, clear golden-yellow, with a few dark pencillings in the center.

878. **GIANT "FREYA."**—Trimardeau size flower, color rich deep purple-violet with a broad white margin which shows just as distinctly on the back of the petals and this peculiarity gives a bed of these a very unique and rich appearance not obtained by any other sort.

878b. **Giant President McKinley.**—New, the ground color is a deep golden-yellow, while each petal has a large blotch of rich dark violet, leaving a clearly defined margin of golden-yellow. The plants are of dwarf compact habit and are free bloomers.

879. **Giant Violet-Blue.**—Of immense size, and of rich velvety texture.

880. **Giant Fancy Striped.**—A beautiful mixture. The flowers are striped and mottled in various tints on contrasting grounds.

881. **GIANT BUGNOT.**—Its flowers are of enormous size and circular form; the petals are of great substance and velvety appearance, each one bearing a large, deeply colored blotch that runs out in delicate veins to the edge; the shadings comprise tints of red, bronze and brown not found in any other mixture. Pkt., 15c.

882. **GIANT FIERY FACES.**—The flowers are of fine form, good texture, and the color a very bright scarlet with a gold edge and yellow center, while the three lower petals are marked with a deep, almost black spot, which gives the flower the face-like appearance.

883. **MAMMOTH BUTTERFLY.**—The flowers are very large, of good form and substance and produced freely. In coloring they are varied, seldom two alike in an hundred plants. They are mottled and spotted, streaked, tigered and splashed, while the colors are mainly those rich wine-reds, chocolate, velvety red-brown, lavender, violet and purple shades which are only found in a Pansy blossom. Per pkt. of 250 seeds, 10c.

884. **GIANT PARIS PANSY MIXTURE.**—Thousands of these Pansies are sold daily in the Paris markets. The flowers of this strain are as large as the Trimardeau and far superior in color and substance of petals; blotches are more conspicuous. Having a stout and stiff lower stem, flowers last longer.

890. Embraces besides all the above shades and colors, five special strains not listed elsewhere in this Catalogue, and

This mixture includes the richest reds, coppers and bronzes together with the most delicate rose and pink shadings, all the distinct colors of Trimardeau, the splendid Cassier strain with its delicate veinings. We have spared no expense to secure the newest, richest and finest sorts.

Price, $\frac{1}{2}$ oz., \$1.00; pkt. (250 seeds), 20c.; 3 for 50c. 891. The same, pkt. of 100 seeds, 10c.

VAUGHAN'S COLLECTION
OF GIANT PANSIES....

892. One packet (containing 50 seeds) each of Giant White, Giant Yellow, Giant Beaconsfield, Giant Striped, Giant Emperor William, Giant Copper Color and Giant Paris. 7 pkts. for 25c.





PETUNIA.

FOR freedom of bloom, variety of colors, ease of culture and effectiveness, these rank with the Asters, Phlox and Verbenas. If only a little care is bestowed upon them, Petunias will produce their handsome, sweet-scented flowers in their delicate and gorgeous colors throughout the whole summer.

900. **Petunia, Dwarf Blotched and Striped.** Each plant forms a complete bush 5 to 8 inches high, covered with cherry-red flowers, marked with a pure white star; a remarkably pretty plant. Pkt., 10c.

901. **Blotched and Striped.** Flowers with star-shaped blotches of symmetrical form; fine for bedding and window boxes. Pkt., 5c.; 1/4 oz., 20c.

902. **White.** Suitable for cemetery. Pkt., 5c.; 1/4 oz., 20c.

903. **PETUNIA, FINEST MIXED.** A choice strain, including many of the large flowering varieties. Pkt., 5c.; 1/4 oz., 25c.

905. **Petunia, Good Mixed.** Many colors. Pkt., 3c.; 1/4 oz., 12c.

906. **Large-Flowering Single Petunias.** In extra choice mixture. Pkt., (120 seeds) 10c.; 3 for 25c.

907. **Large-Flowering Fringed Sorts.** (FIMBRIATA.) A superb strain of elegant, finely fringed flowers, measuring over 4 inches in diameter, remarkable brilliancy and variety of colors. Pkt., (175 seeds), 20c.

908. **Collection of Large-Flowering Petunias, 12 sorts, 75 cts.**

909. **Collection of Large-Flowering Petunias, 6 Sorts, 45 cts.**

Petunia Giants of California.

917. These Petunias have been widely advertised of late, and we found them on a visit at the originators to be remarkably fine. The flowers are very large and the colors embrace every conceivable shade of crimson, white, violet, lavender, etc.

Pkt. (200 seeds), 15c.; 2 for 25c.

Vaughan's Mixture of Double Petunias.

910. This is a mixture of the best large-flowering and fringed double Petunias. Seed is saved from plants grown in pots, carefully hand fertilized and will produce grand flowers. Of course everyone knows that only a certain percentage of double flowers may be expected from seed, but our mixture will produce from 20 to 30 per cent. of doubles, while the remainder will be choice, large, single flowers. Pkt. (200 seeds), 30c.

"Vaughan's Best" Mixture of Large Flowering Petunias.

all the colors of the Large-Flowering and Fringed sorts and

919. This mixture is made by ourselves and includes besides the Giant Ruffled, the Giant Emperor and the California Giants, the unsurpassed Superbissima varieties, with their delicately veined throats in various colors, and their truly mammoth flowers. We are positive that no other Petunia mixture can produce flowers with as wide a range of colors as "VAUGHAN'S BEST." Pkt., 25c.; 3 pkts. for 60c.



PETUNIA "SNOWBALL."

DOUBLE PETUNIAS.

911. **Double Pure White.** (LADY OF THE LAKE.) Pkt., (200 seeds) 50c.

912. **Double Lilliput.** Covered with double flowers, spotted, blotched and self-colored. The plants grow low and bushy. Pkt., (250 seeds) 25c.

913. **Large-Flowering, Dble. Fringed.** Pkt., 15c.

914. **Collection of Double Fringed Petunias, 6 varieties, 60c.**

915. **Collection of Double Fringed Petunias, 12 varieties, \$1.00.**

Petunia "Snowball."

For an everblooming white flower, suitable for beds and borders, we think this new Petunia has few equals. Our illustration, which is a reproduction from a photograph, shows its dwarf, bushy habit and also its abundance of bloom. The flowers are purest snow-white, of good shape and size, sweet scented and lasting. This plant is eminently adapted to our climate, on account of its heat resisting qualities. We recommend it. Pkt., (250 seeds) 10c.

PHYSALIS FRANCHETI.

CHINESE LANTERN PLANT.

A novelty introduced from Japan. It is of striking appearance, producing bright red fruits, which are enclosed in a semi-transparent calyx about two inches in length and from seven to eight inches in circumference, bright orange-scarlet in color when nearing maturity. Should be treated in the same way as Tomatoes, and will make a fine display during the Fall months.

Pkt., 5c. 4 for 15c.

PENSTEMON.

Among popular and hardy plants few surpass Penstemon for their useful and ornamental character. They commence to bloom in June and continue until late in Fall. They are very attractive and indispensable for beds, borders and cut flowers. The flowers are half pendant, bell-shaped and marked and marbled in beautiful bright shades. They should be planted in rich, open soil and protected during Winter.

920. **P. Finest Hybrids.**—A splendid mixture. Per pkt., 10c.



LARGE
FLOWERING
PHLOX.



STARRED
AND
FRINGED
PHLOX.



DOUBLE
PHLOX.

DWARF
PHLOX.

Vaughan's Phlox

The Phloxes are certainly amongst the showiest and most easily managed of all hardy annuals. They grow well in almost any garden soil, and from June until October maintain an endless display of brilliant and varied colored flowers.

930. **Phlox Drummondii**.—MANY COLORS MIXED. $\frac{1}{4}$ oz., 15c.; pkt., (150 seeds) 3c.
931. Collection of 6 distinct colors, 20c. | 932. Collection of 12 distinct colors, 40c.

LARGE-FLOWERING PHLOX.

The large-flowering kinds are a decided improvement on the Drummondii, producing flowers twice the size of the latter, with the most brilliant colors imaginable.

933. **Alba**.—Pure white, extra large.
934. **Intense Scarlet**.
935. **Rosy Carmine**.—White eye.
936. **Rosea**.—Pink, white eye.
937. **Vivid Crimson**.—Large white eye.
938. **Large Yellow**.—A very fine color; quite novel and distinct; fine flower.
939. **Scarlet Striped**.—A beautiful sort.
940. **Black Brown**.—The darkest of all.
941. **Stellata Splendens**.—This variety resembles the Splendens, with the addition of a clearly defined white star, contrasting strikingly with the vivid crimson of the flowers.
942. **Alba Oculata**.—Pure white, claret eye.

Any of above, per pkt., (100 seeds) 7c.; any 6 for 35c.

943. **Large-Flowering Phlox in Splendid Mixture**.—Includes all the above and many other shades and colors. Oz., 75c.; $\frac{1}{4}$ oz., 25c.; pkt., (150 seeds) 10c.
944. **Imported Collection of 6 colors**, 30c. | 945. **Imported Collection of 12 colors**, 60c.

STARRED AND FRINGED PHLOX.

These are the most distinct and striking Phlox we have. The flowers have a most distinct and star-like appearance, their attractiveness being greatly enhanced by the broad, white margins which border the edges of the petals.

946. **Starred and Fringed**.—Mixed. Pkt., (150 seeds) 10c.; $\frac{1}{4}$ oz., 20c.
947. **Star of Quedlinburg**.—Pkt., (100 seeds) 5c.
948. **PHLOX "Graf Gero"**.—Well adapted to pot culture. Mixed colors. Pkt., 10c.
949. **Giant Hydrangea Flowered Phlox**.—These are undoubtedly one of the handsomest species of the Phlox family. They are more floriferous than the others, the flowers are large, of good substance and in handsome colors and are borne in large umbels, just like a Hydrangea, hence their name. Mixed colors. Pkt., (150 seeds) 10c.

DOUBLE-FLOWERING PHLOX.

A very desirable class. Flowers are double and semi-double and last much longer than those of the single Phlox. The white is especially valuable as a cut-flower. We are sure our customers will be greatly pleased with these and we recommend a trial.

950. **Double White**.
951. **Double Scarlet**.
952. **Double Yellow**.
953. **Double Mixed**. } Each, per pkt., 10c.

DWARF PHLOX. (*Phlox Drummondii* Nana Compacta.)

These are much superior to the other Phloxes for ribbon bedding or borders. The plants grow very symmetrical in neat little bushes, about 8 inches high, covered with flowers during the whole Summer and Fall, as large as those of the Drummondii and as easy to grow.

954. **P. Snowball**.—Flowers pure white; the plants resemble large snowballs when in full bloom. Pkt., 10c.; 3 pkts. for 20c.
955. **Fireball**.—Glowing, brilliant scarlet. Pkt., 10c.; 3 pkts. for 20c.
956. **One pkt. each Snowball and Fireball for 15c.**
957. **Dwarf Phlox in Mixture**.—10 colors in choicest mixture. Pkt., 10c.; 3 for 20c.
959. **HARDY PHLOX**.—(*Phlox Decussata*.) These rank amongst the finest herbaceous plants for beds or borders. Mixture of finest sorts. Pkt., 7c.

958. **Vaughan's Special Phlox Mixture**. Contains all the above varieties and several other strains only to be had in this mixture and will delight and astonish all with its extensive variety of colors. Over 30 different shades will be produced from a single package. A bed of Phlox Drummondii in assorted colors makes a grand display all Summer. The most liberal offer ever made. Pkt., (250 seeds) 15c.; extra large pkt., (500 seeds) 25c.; $\frac{1}{4}$ oz., 35c.

POPPIES.

These old-fashioned flowers are at present, like the well-known Dahlias, regaining their old-time popularity. This is not strange when we consider how many new varieties have been introduced and how large a list of desirable kinds we now offer. Now-a-days when there is so little time to devote to the garden one is very glad to plant easily grown flowers, which will do their best with little or no care and Poppies are easily leaders among those which look out for themselves. Their brilliant, dazzling colorings and wonderful variety make a very effective display in the garden or for cut flowers.

NEW TULIP POPPY.

972. The perfect and striking flowers are intensely vivid in color; the two outer petals form a tulip-cup, after a time deep black spots appear at the base of each petal. The glowing scarlet of the large flowers is such that the eye cannot bear its glare when the sun is shining on it. Price, per pkt., 10c.



New Oriental Hybrid Poppies.

970. For brilliancy of colors there is nothing to equal these Oriental Poppies. The flowers are of enormous size, often measuring over six inches in diameter, while the colors range from soft flesh and rose to the most brilliant, dazzling scarlet and richest maroon purple. Their culture is as simple as that of the common garden Poppies. One of their most valuable qualities is that they are perfectly hardy perennials, living through our Winters with but little protection and increasing in size and beauty from year to year. Pkt., 10c.



THE SHIRLEY POPPIES.

973. They are similar in every way to the Wild Scarlet Field Poppy of England and the continent, but the range of color is so varied that scarcely two will be found alike. 5c.

Single Poppies.

974. **Umbrosium.**—Rich vermilion with deep shining spot. Price, per pkt., 5c.

975. **Victoria Cross.**—(Danebrog.) Vermilion-white cross. Pkt., 5c.

976. **Peacock.**—The most striking feature of the flower is the conspicuous glossy zone which marks the petals, forming a complete ring. Pkt., 5c.

977. **The Bride.**—The flowers are of extra large size and spotless white, making a fine appearance in beds or groups. Pkt., 7c.

978. **Persian Poppy.**—Flowers, 4 inches across; color brilliant scarlet with shining black spots, surrounded by a clear white margin at base of each petal. Pkt., 5c.

979. **New Annual Hybrid.**—The flowers of this new Hybrid Poppy are very large, single and of the most brilliant shade of crimson with a broad black stain at the base of the petals, which are sometimes entire and some times fringed. This is a very ornamental variety, of easy culture, and a most profuse bloomer. Pkt., (150 seeds,) 15c.

980. Mixture of all the above Single Poppies: per ½ oz., 15c.; pkt., 5c.



ICELAND POPPIES.

971. These Poppies produce flowers the first year from seed. The colors range from the purest white to the deepest orange scarlet, and have a delicious fragrance. For vase or house decorations they rank among the loveliest. Mixed colors, per pkt., 10c.

PORTULACCA.—Rose Moss.

1000. Small trailing plants which bear brilliant, beautiful and delicate flowers; whether used in baskets, beds or edgings, their splendid flowers, produced in great profusion are very effective; succeed best in light, sandy soil, and want to be exposed to the full glare of the sun. Many colors mixed. Pkt., (300 seeds) 5c.; oz., 50c.

1001. Collection of 8 colors. Single Portulacca, 25c.

1002. P. Double White. 10c. 1004. P. Double Pink. 10c.

1003. — Double Yellow. 10c. 1005. — " Scarlet. 10c.

1006. Double Portulacca, Best Mixed. — Choice double flowers. Pkt., (300 seeds) 10c.; ½ oz., 75c.

1007. Double Portulacca, Good Mixed. — Pkt., 5c.

1008. Collection of 6 colors, double Portulacca, 35c.



NEW POPPY, WHITE SWAN.

981. One of the most effective and valuable Poppies. The plants are about 18 inches high, grow in very pretty bush form crowned with flowers of enormous size, perfect form, very double and of the purest snow-white. Its flowering period is longer than that of other Poppies. We specially recommend this sort. Price, per pkt., 10c.; 3 for 20c.

982. **Double Light Yellow.**—This rare new color will be hailed with delight by all. Pkt., 5c.

983. **Golden Gate.**—Exceedingly free blooming, the flowers single, semi-double and double, of medium size and largest variety of colors. Pkt., 5c.

984. **Double Carnation Flowered.**—Of large size and a variety of colors. ½ oz., 15c.; pkt., 3c.

985. **Double French Mixed.**—Pkt., 3c.

986. **Pæony Flowered.**—Flowers in size and colors equal to Pæonies; mixed. Pkt., 3c.; oz., 20c.


987. **Snowdrift.**—Pure white. Pkt., 5c.

988. **Double Danebrog.**—Flowers of a deep red; petals marked at base with white blotch. Pkt., 7c.

989. **Fairy Blush.**—The flowers have the effect of a large white, feathery ball, overcast with a rosy shade. Pkt., 5c.

990. **Mikado.**—Flowers are of pure white at the back, the fringed edges brilliant scarlet. Pkt., 5c.

995. **MIXTURE of all the above DOUBLE POPPIES,** Pkt., 5c.; ½ oz., 15c.; oz., 25c.

996. **Vaughan's Special Poppy Mixture**  Comprises not only all the Double and Single Poppies described, but

also a number of other sorts, specially purchased for this mixture, including some entirely new ones. Will make a grand display.

PRICE, per oz., 50c.;
½ oz., 30c.; pkt.,
(500 seeds) 10c.,
3 for 25c.



DOUBLE PORTULACCA, ROSE MOSS.

VAUGHAN'S INTERNATIONAL

Chinese Primrose Mixture.

1029. The culture of these lovely flowers is much easier than most people think. Every one can have a nice collection of them by following the cultural directions printed on each package. Our mixture includes not only all the choicest colors of the single flowering Primulas in all their dainty shades, but it comprises also seed saved from hybridized flowers and will produce a number of double flowers and the new blue Primula. Our illustration shows a spike of flowers in natural size, and a plant (reproduction from a photograph) showing freedom of bloom and habit of growth. Price, per pkt. (100 seeds), 15c.; 2 for 25c.

Chinese Primroses, Separate Colors.

1022. Pure White. 1023. Pink. 1024. Peach Blossom. 1025. Chiswick Red. 1026. Blue. 1027. Striped.
Price, each, per pkt. (50 seeds) 10c.

1028. **Chinese Primroses.**—A very good mixture. Pkt. (50 seeds), 5c.

New Large Flowering Primula Obconica.

1020. This is one of the most useful flowering plants. If sown early in Spring the seedlings will commence to bloom in May or June and continue to flower throughout the whole year. The flowers are of a soft lilac shade and very charming. It is one of the most useful Primulas for pot culture, and also succeeds well in the open border during the summer months. This is the true description of the old type; the new large flowering **Obconica** is an improvement on it in size of flowers, which are about double their size and are borne on stiffer stems well above the foliage, and they also show a marked improvement in colors, containing new rose and lilac shades.
Pkt. (100 seeds), 10c.

1021. **Primula Obconica.**
Pkt. (50 seeds), 5c.

PYRETHRUM. (*Fever-Few*.)

1032. **P. Aureum.** (Golden Feather.)
Pkt., 5c.; ¼ oz., 30c.

1033. —**Selaginoides.**—Fern-leaved.
Pkt., 5c.

Hardy, Flowering Varieties.

1034. —**Single, Large-Flowering.**—For cut-flowers they are invaluable. Pkt., 10c.

1035. —**Double, Large-Flowering.**—These grow readily from seed. Pkt., 25c.

New Dwarf Polyantha Roses.

Also called "Baby" and "Fairy" Roses.

Roses from seed the first year.

1036. The plants bloom in three months after sowing, so that seed sown in February in the house may be had in bloom in June in the open ground, where they continue to bloom throughout the season, giving about an equal proportion of single, semi-double and double flowers borne in clusters. The plants are dwarf and bushy, growing only about one foot high, and are very pretty in solid beds and borders. They are very hardy and may be treated as annuals.

Pkt. (25 seeds), 10c.; 3 for 25c.

Salvia, Clara Bedman. (*Bonfire*.)

1043. The plants form handsome globular bushes about 2 feet high by 2 feet in diameter. The spikes grow erect and stand clear above the foliage, completely covering the plant and are of a most brilliant, dazzling scarlet. Per ½ oz., 50c.; pkt., 10c.

1045. **Salvia Splendens.**—Large flowering Scarlet Sage. Pkt., 5c.

1046. —**Patens.**—The purest and brightest blue of all. Pkt., 10c.

1047. —**Coccinea.**—Deep crimson. 8 inches. Pkt., 5c.

1048. —**Argentea.**—Silver white foliage. Pkt., 5c.

1049. —**Nutans.**—A hardy perennial, very floriferous; flowers very showy. Pkt., 10c.

New Salvia Splendens, 'Drooping Spikes.'

1044. This new, large-flowering Salvia (Scarlet Sage) has three times the flowering capacity on each spike of the ordinary Salvia Splendens. The flowers are produced in great numbers, causing the spikes to droop by their weight. It is one of the most desirable plants for decorative purposes, if planted either singly, in groups, or with other plants. The flowers are of the most brilliant, dazzling scarlet, produced in endless profusion, and until late in the fall. Pkt. (75 seeds), 10c.; 3 pkts. for 25c.



LARGE-FLOWERING
CHINESE PRIMROSE.



SALPIGLOSSIS. Painted Tube Tongue.

1042. Highly ornamental autumn flowering plants, with beautifully veined and tinted, funnel-shaped flowers. A very choice annual, 2½ feet.
Fine mixture of rare flowering varieties. Pkt., 5c.

1050. **Sanvitalia.**—Dwarf trailing plants with double bright golden-yellow flowers. Pkt., 5c.



To Aid Our Customers

IN SELECTING COLORS, WE
GIVE THE FOLLOWING TABLE.

COLOR.	NO. TO SELECT FROM.
White.....	1136, 1141, 1173, 1200, 1226
Yellow.....	1179, 1197, 1207, 1214
Pink.....	1144, 1149, 1185, 1191, 1198, 1206, 1217
Rose.....	1135, 1137, 1139, 1158, 1162, 1163, 1164, 1165, 1171, 1181, 1187, 1218, 1223
Scarlet.....	1147, 1151, 1176
Crimson.....	1182, 1193, 1219
Crimson-Scarlet.....	1167, 1208
Lavender.....	1152, 1160, 1166, 1172, 1186a, 1210
Blue.....	1150
Maroon.....	1145, 1183, 1196, 1212, 1222, 1224
Orange-Salmon.....	1140, 1194, 1201
White, Edged Lavender.....	1148, 1189, 1192
White, Striped pink.....	1156, 1199
Pink and White.....	1143, 1170, 1174, 1188
Striped Orange and White.....	1140
Striped Blue and Purple and White.....	1180, 1211
Striped Chocolate and White.....	1221

New Dwarf, or Cupid, Sweet Peas.



1235 **WHITE CUPID**.—This charming variety only grows from 6 to 10 inches high, making a dwarf, compact plant, often spreading over an area of from 10 to 15 inches. The flowers are pure white, of good substance, two and three to a stem and are very sweet. They are admirably adapted to borders; the seeds always re-produce dwarf plants. Pkt., (50 seeds) 5c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 40c.; lb., \$1.25.

1236 **PINK CUPID**.—In habit and manner of growth it is strictly a Cupid, spreading from the root, from a foot to 18 inches around, growing from six to eight inches high and shooting up stems about six inches long, which bear in full bloom at once from three to four handsome large flowers, all borne close to the end of the stem. Pkt., (40 seeds) 5c.; oz., 15c.; 2 ozs., 25c.; ¼ lb., 45c.; lb., \$1.75.

1237 **"BEAUTY" CUPID**.—As dwarf as above; flowers as large as those of the tall Sweet Peas. The flowers are large, three to a stalk, the standards are a delicate rose color, whitening toward the edges, slightly streaked carmine at the base; the wings are suffused ruby-carmine. Pkt., (15 seeds) 15c.; 2 pkts., 25c.; 10 pkts., \$1.00.

1238 **"ALICE ECKFORD" CUPID**.—Flowers of medium size; the standards are rich, creamy white, suffused with flesh pink, the wings are silvery-white, with a faint pink flush in the center. Pkt., (12 seeds) 15c.; 2 pkts., for 25c.; 10 pkts., for \$1.00.

1239 **"PRIMROSE" CUPID**.—Identical with the White Cupid, except that the flowers are of a rich, creamy tint. Pkt., (12 seeds) 15c.; 2 pkts., for 25c.; 10 pkts., for \$1.00.

5 CUPIDS.

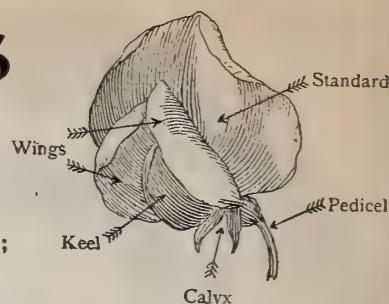
1240 1 pkt. each of the above 5 Cupids for 50c.
1241 2 " " " " " 5 " " 85c.

Sweet Peas

GENERAL LIST.

The following list contains all the varieties of Sweet Peas we carry, including Novelties.

Price, per packet, 5 cents, except where noted;
any three 5-cent packets for 10 cents;
any 7 for 20 cents.



	Oz.	¼ Lb.	Lb.
1135 Adonis. Rose and carmine, small flower.....	\$0 06	\$0 15	\$0 40
1136 Alba Magnifica. Pure white. small, old type.....	06	15	40
1137 Alice Eckford. Rich cream standard, white wings.....	10	20	60
1138 America. The brightest blood-red striped.....	10	25	65
1139 Apple Blossom. Bright rose and pink.....	10	15	50
1140 Aurora. Flaked orange salmon on white; large.....	10	25	85
1141 Blanche Burpee. Very large, pure white.....	10	20	65
1142 Blanche Ferry. Pink and white, early.....	06	15	45
1143 Blanche Ferry, extra early. Of greatest value for cut flowers, being 10 days earlier, dwarfier and a more prolific bloomer than the original Blanche Ferry. Deep rose pink, white wings.....	10	20	60
1144 Blushing Beauty. A distinct, soft pink, hooded form.....	10	20	60
1145 Boreatton. Very dark maroon, self color.....	10	20	60
1146 Bride of Niagara. Pink and white, semi-double.....	10	25	75
1147 Brilliant. New; brightest scarlet; does not sunburn.....	15	45	1 45
1148 Butterfly. White, edged with lavender.....	10	15	50
1149 California. New; very soft "Day-break" pink.....	10	25	90
1150 Captain of the Blues. Purplish mauve, almost true blue.....	10	35	1 10
1151 Cardinal. Brilliant carmine red.....	10	20	60
1152 Celestial. Clear lavender; a very good sort.....	10	30	1 00
1153 Chancellor. Standards bright orange; intense color. Pkt., 10c.	15		
1154 Columbia. White, suffused with pink and purple. Pkt., 10c.	15		
1155 Coquette. Primrose yellow, shaded lavender.....	10	20	75
1156 Coronet. White, striped orange-pink.....	10		
1157 Countess, The New. The best clear lavender.....	10	30	1 10
1158 Countess of Aberdeen. Soft pink, self-color.....	10	20	60
1159 Countess of Powis. New; glowing orange, suffused lavender.....	15	50	1 50
1160 Countess of Radnor. Delicate mauve or lavender.....	10	30	1 10
1161 Countess of Shrewsbury. Rose standard, white wings.....	15	35	1 25
1162 Creole. Pinkish lavender, wings pure mauve.....	10		
1163 Crown Jewel. Creamy white, veined rose.....	10	25	80
1164 Crown Princess of Prussia. Flesh and salmon buff.....	10	20	60
1165 Delight. White, crested with crimson.....	06	15	45
1166 Dorothy Tennant. Deep rosy mauve.....	10	25	80
1167 Duchess of Edinburgh. Scarlet and crimson; small.....	06	15	45
1168 Duchess of York. White, striped pale pink.....	10	20	60
1169 Duke of Clarence. Brilliant rosy-claret.....	10	25	80
1170 Duke of York. Pink and white.....	10	20	60
1171 Eliza Eckford. Flaked delicate rose, wings blush.....	10	20	60
1172 Emily Eckford. Reddish mauve, wings blue.....	10	25	70
1173 Emily Henderson. A good white, early and free.....	06	15	50
1174 Emily Lynch. New; pink and white, very early.....	10	25	85
1175 Fairy Queen. White, shaded rose and violet.....	06	15	45
1176 Firefly. Rich, fiery scarlet; good.....	10	20	60
1177 Gaiety. Bright crimson stripes on white.....	06	15	50
1178 Golden Gate. Pinkish mauve and lavender.....	10	25	90
1179 Golden Gleam. The best of the yellows.....	15	45	1 50
1180 Gray Friar. Watered purple on white ground.....	10	25	80
1181 Her Majesty. Large, clear rose-pink; an excellent sort.....	10	25	75
1182 Ignea. Rich scarlet-crimson.....	10	30	1 00
1183 Indigo King. Maroon, nearly indigo.....	06	15	45
1184 Juanita. White, flaked with lavender.....	10	20	65
1185 Katherine Tracy. Bright, soft pink; very good.....	10	20	60
1186 Lady Beaconsfield. Salmon; wings primrose.....	06	15	45
1186a Lady Nina Balfour. Most delicate mauve; superb. Pkt., 15c.	25		
1187 Lady Penzance. Standards orange pink, wings pink.....	10	25	80
1188 Little Dorrit. Standards pink, wings white; an everbloomer.....	10	30	1 00
1189 Lottie Eckford. White, suffused and edged lavender.....	06	15	45
1190 Lottie Hutchins. Flaked pink on cream ground; rich. Pkt., 10c.	15		

SWEET PEAS. General List.

	Oz.	¼ Lb.	Lb.
1191 Lovely. A truly lovely shell pink; extra good.....	10	25	80
1192 Maid of Honor. White, edged lavender.....	10	30	1 10
1193 Mars. Bright, fiery crimson; extra good.....	10	30	1 00
1194 Meteor. Standards orange pink, wings cerise-pink.....	10	30	1 00
1195 Modesty. New. The most delicate pink of all. Pkt., 10c.....	20		
1196 Monarch. Deep purplish maroon.....	10	20	60
1197 Mrs. Eckford. Delicate primrose-yellow.....	10	25	80
1198 Mrs. Gladstone. A lively, soft pink.....	10	20	60
1199 Mrs. Jos. Chamberlain. White, striped rose.....	10	25	80
1200 Mrs. Sankey. White, black-seeded.....	10	20	60
1201 Orange Prince. Orange-salmon, wings pink.....	10	20	60
1202 Oriental. New. Rich orange; largest size. Pkt., 10c.....	20		
1203 Ovid. Rose pink, margined deeper rose.....	10	20	60
1204 Painted Lady. Pink and white; the old sort.....	06	15	45
1205 Peach Blossom. Salmon; wings soft pink.....	10	20	65
1206 Prima Donna. New. One of the best soft pinks.....	10	30	1 00
1207 Primrose. Pale primrose-yellow.....	10	20	65
1208 Prince Edward of York. New. Scarlet and rose. Pkt., 10c.....	15	50	
1209 Princess Beatrice. Rosy pink; good flower.....	10	20	65
1210 Princess May. Light lavender.....	10	25	
1211 Princess of Wales. White, striped mauve.....	06	15	45
1212 Purple Prince. Maroon and purple.....	06	15	45
1213 Queen of the Isles. Crimson scarlet, striped white.....	06	15	45
1214 Queen Victoria. New. Soft yellow; large.....	15	50	
1215 Ramona. White, splashed pale pink.....	10	25	80
1216 Red Riding-Hood. Rosy pink, of peculiar shape.....	10	20	65
1217 Royal Robe. Delicate pink.....	10	25	70
1218 Royal Rose. New. Rich, rosy pink; very fine.....	15	50	
1219 Salopian. New. The best crimson-scarlet.....	15	45	1 45
1220 Scarlet Striped. Old standard sort.....	06	15	45
1221 Senator. Chocolate stripes on white ground.....	10	20	60
1222 Shazada. Rich, dark maroon; very attractive.....	15	45	1 50
1223 Splendor. Bright rose; shaded crimson.....	06	15	45
1224 Stanley. Dark maroon.....	10	20	60
1225 Stella Morse. New. Delicate primrose, with rose-pink. Pkt., 10c.....	20	70	
1226 The Bride. New. The best of all whites.....	10	35	1 25
1227 The Queen. Mauve and pink; small.....	06	15	45
1228 Triumph. New. Bright orange-pink, shaded rose.....	15	50	1 75
1229 Venus. Salmon-buff, shaded pink.....	10	20	65

SWEET PEAS IN MIXTURE.

Mixture of New Sweet Peas } SEE NOVELTIES.
Mixture of Vaughan's "15 Best" Sweet Peas.....

Vaughan's "Prize" Mixture of Sweet Peas. 1230 This mixture contains the cream of the new and standard sorts. It is made up entirely of new and separate sorts, carefully proportioned as to its composition and we can safely say: "There is no better general mixture in existence," no matter at what price or under what name it may be offered.

PRICE: By express, 10 lbs., \$7.00; 5 lbs., \$4.00; lb., \$1.00; ¼ lb., 30c.

By mail, postpaid, 2 lbs., \$2.00; lb., \$1.10; ¼ lb., 30c.; oz., 15c.; pkt., 10c.

1231 **SWEET PEAS, AMERICAN SEEDLINGS.**—This is a mixture of seedlings not yet named. They are the result of crossing and re-crossing the choicest of the new large-flowering varieties, and this seed will produce flowers of the largest size, finest form and in an endless variety of colors. We are sure that our customers, especially Sweet Pea "fanciers" will be delighted with the new colors they find in this mixture.

Price, per lb., \$1.00; ¼ lb., 35c.; oz., 15c.; pkt., 5c.

Eckford Mixture.

1232 This mixture contains over ten varieties, including the novelties of 1898 and other choice varieties. By express, 10 lbs., \$3.50; 5 lbs., \$1.85. By mail, postpaid, lb., 65c.; ½ lb., 35c.; ¼ lb., 20c.; oz., 10c.; pkt., 5c.

All Colors Mixed.

1233 Also a very good mixture; contains over 20 varieties and will furnish fine flowers all through the season. Price, by express, 10 lbs., \$2.50; 5 lbs., \$1.40. By mail, per lb., 40c.; ½ lb., 25c.; ¼ lb., 15c.; oz., 5c.; pkt., 3c.

Bargain Mixture of Sweet Peas.

1234 We find ourselves with large stocks of some of best named kinds and have taken a few hundred pounds and mixed them. Bargain Mixture Sweet Peas, prepaid, lb., 30c.; ¼ lb., 12c.

1252 **White Mixed.** Including all the whites. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

1253 **Shades of Mauve.** Mixed. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

1254 **Striped, Flaked and Clouded.** Mixed. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 80c.

1255 **Shades of Yellow.** Mixed. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

1256 **Scarlet, Magenta, Claret, Maroon.** Mixed. Pkt., 5c.; oz., 10c.; ¼ lb., 25c.; lb., 75c.

1257 **Rose and Pink Shades.** Mixed. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 70c.

What Some of Our Customers Say.

BLAIR, NEB.—Your Sweet Peas were the grandest success. I cannot speak too highly of them. We had flowers long before our neighbors and they lasted until nearly time for frost. I will be safe in saying I got twenty-five bushels of bloom, the most beautiful colors I ever saw.

HARRY HIGLEY.

ST. JOE, MICH.—The mixed package of your Sweet Peas gave us many pleasant surprises, the lavender shades were especially beautiful.

MRS. L. H. HASCALL.

OWASSO, MICH.—Vaughan's Ten Best Sweet Peas were fine, also the large-flowering Phlox. The White Comet Asters were grand.

MRS. ALICE BERRY.

MINNEAPOLIS, MINN.—The seeds I bought of you gave perfect satisfaction. My Sweet Peas, Verbenas and Pansies were a wonder to the neighborhood.

MRS. C. D. WOOD.

NORMAL, ILL.—All my Sweet Peas of last year that I bought of you were to my mind the prettiest in the town, as they lasted much longer than any one's else. Thanking you for such good service, I remain,

ROSE A. SCHOFIELD.

OMAHA, NEB.—Your Sweet Peas were par excellence.

MRS. J. W. HITCH.

NORMAL, ILL.—Our Sweet Peas this year were perfectly wonderful. We sold them up to October 23d.

H. M. BALL.

YATES CITY, ILL.—The flower seeds I bought of you last year did well and were full of blossoms. I like your seeds well and always speak a good word in your favor.

MRS. M. S. NORTH.

GWINNETT CO., MINN.—Have had good success with all your seeds.

GEO. SPENCER.

ALPINE, CAL.—Your seeds are always good and true to name; such a satisfaction here.

NICHOLAS ANDERSON.

GENEVA, NEB.—I can say this for your seeds: I have dealt with you for eleven years, buying seeds every year, and I never yet had any but splendid seeds.

MRS. PETER YOUNGER.

Double Sweet Peas.



It has been a difficult task by hybridization and selection to change the habit of the Sweet Pea to the double form, and much remains to be done; but each year finds us nearer. The result at best is really semi-double flowers. The best mixtures we have will not produce more than half doubles, the others remaining of the usual single type.

Per pkt., 5c.; oz., 10c.; ¼ lb., 25c.

1242 **Double Apple Blossom.** Rose and blush.

1243 **Double Splendor.** Rosy crimson.

1244 **Double White.** Pure white.

1245 **Double Lottie Eckford.** White, blue edge.

1246 **Double Butterfly.** White and lavender.

1247 **Double Boreaton.** Deep maroon.

1248 **Double Duke of Clarence.** Claret.

1249 **Double Senator.** Chocolate stripes on white.

1250 **Bride of Niagara.** The lower parts of the flower are white, while the upper parts, the banners, are clear rose. The same plant produces double and single flowers. It is a strong and thrifty grower and a profuse and continuous bloomer.

1251 **DOUBLE SWEET PEAS, MIXED.**—All above kinds. Pkt., 5c.; oz., 10c.; ¼ lb., 20c.; lb., 75c.

...Special Offer No. 146...

One pkt. each of above 9 for.....30c

...Special Offer No. 147...

One oz. each of above 9 for.....65c



SCABIOSA or MOURNING BRIDE.

Elegant cut-flowers, keep long, are very handsome and the colors are exceedingly fine, some flowers are almost black.

THE SNOWBALL SCABIOSA.

1052. The flowers of this pretty new Scabiosa are large, measuring fully 2 inches in diameter, of purest white and very double. The stems are very strong and the foliage luxuriant. This plant comes quite true from seed and is sure to be liked for vases and bouquets. Pkt., 10c.; 3 for 20c.

1053. **New Golden Yellow Scabiosa.**—The color has long been desired in the Scabiosa family and is now obtained, after years of selections. The flowers are double, of a fine, pure yellow color and are charming for bouquets. The plants are semi-dwarf and very free-blooming. Pkt., 10c.

1054. **Black Prince.**—The flowers are very large and double and nearly black, a beautiful color, very effective as a bunch in a vase. Pkt., 5c.

1055. **New Double Blood-Red.**—A very striking color. Pkt., 5c.

1056. **SPECIAL OFFER.** One pkt. each of the above 4 colors for 20c.

1057. —Candidissima.—Double white. Pkt., 5c.

1058. —Many Varieties.—Mixed. Pkt., 3c.

1059. **Large Flowering Scabiosa.**—Flowers average 3 inches across; very double; valuable for bouquets. Many colors mixed. Pkt., 5c.

1060. **SEDUM.** (Stone Crop.)—Blue. Pkt., 5c.

1061. **SENSITIVE PLANT.**—Pkt., 5c.



WHITE PERFECTION STOCK.

1070b. —**White Perfection**, or, "Cut and Come Again."—This variety is almost a perpetual bloomer, about 18 inches high; branches freely. Flowers are of the purest white, very large, and carried on stems 3 inches long. Pkt., 10c.

* STOCKS. = Levkoyen. *

Large Flowering Ten Weeks Stocks.

1065. —Pure White. 1065a. —Brilliant Rose.
1065b. —Light Blue. 1066. —Crimson.
1066a. —Purple. 1066b. —Canary Yellow
Any of above, per pkt., 10c.; any 3 for 25c.

1067. —**Large Flowering.**—Best mixed. 10c.
1068. —**Fine Mixed.** Pkt., 5c.
1069. —**Imported Collection**, 12 colors. Pkt., 60c.
1069a. —**Imported Collection**, 6 colors. Pkt., 30c.

GIANT PERFECTION STOCK.

This sort produces plants 2½ feet high, with long flower spikes of handsome double flowers.

1070. —**Choicest Mixed.** Pkt., 10c.

1070a. —**Collection of 6 colors**, 50c.

1071. **New Large-Flowering Stock, Fire Flame.**—Ever-blooming, resembling a flame-red garnet. Pkt., 10c.

1071a. **Forcing Stock, Snow-Flake.**—The earliest White Ten Weeks Stock. Flowers extremely double, and snow-white. Pkt., 10c.

1071b. —**Red Victoria.**—Flowers double, brilliant, dark blood-red. Blooms all Summer. Pkt., 10c.

1071c. —**White Victoria.**—Like above, but pure white. Pkt., 10c.

1072a. —**Intermediate or Autumnal Stocks.**—These flower late in Autumn or early Spring. Sow in July. Choice mixed. Pkt., 10c.

1072b. —**Emperor, or Winter.**—Bushy and branching plants, with an abundance of flowers. Many colors in the finest mixture. Pkt., 10c.

"VAUGHAN'S SPECIAL"

Mixture of Ten Weeks Stocks.

1073. Includes all the above sorts, and some novelties such as White Column, Princess Alice, etc. Pkt., 15c.; 2 for 25c.



SCHIZANTHUS, or Butterfly Flower.

1051. Charming little annual; flowers are as pretty as Orchids and freely produced. Of easiest culture. 5c.

1063. **Solanum Capsicastrum.**—(JERUSALEM CHERRY.) Small pepper-shaped scarlet fruit. 5c.

1061a. **SMILAX.**—One of the most desirable house climbers. Pkt., 5c.

1064. **Stevia Serrata.**—Very pretty perennials. Flowers white star-shaped, leaves fragrant. Pkt., 5c.

Many-Flowered Double Sunflower.



MANY FLOWERED SUNFLOWER.

makes excellent chicken feed. Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., \$1.00.

:: SUNFLOWER. ::

1074a. **Miniature Sunflower.**—In this variety we have a flower which is not only bright and showy, but elegant in shape, and of size convenient for wearing and for bouquets. The plants are dwarf and very bushy, free-blooming, with small fine foliage. Flowers are single, bright yellow with a dark center and very decorative; they bloom from July until frost. Pkt., 5c.

1074b. **H. Californicus fl. pl.**—Extra large and very double. Pkt., 5c.

1074c. —**Nanus fl. pl.**—A dwarf variety, growing about 2½ feet high, flowers very double, rich golden yellow. Pkt., 5c.

1075. —**Globosus Fistulosus.**—Flowers immense, from 12 to 15 inches in diameter, globular and extremely double, the most effective of all annual Sunflowers. Oz., 10c.; pkt., 5c.

1075a. —**Silver-Leaved.** (Argophyllus.)—The whole plant is covered with a silky, silver-white felt; flowers are single. Pkt., 5c.

1076. —**Mammoth Russian.**—Of gigantic dimensions both flowers and stalk. Oz., 5c.; ¼ lb., 12c.; lb., 25c.

1077. —**Mixture of Many Double Varieties.**—Per oz., 15c.; pkt., 5c.

1078. **Vaughan's Special Sunflower Mixture.** All above sorts mixed in proportion. Pkt., 10c.



New Ever-Blooming Sunflower "Stella."

1074. This new annual attains a height of 3 to 4 feet and produces its handsome, well-formed flowers in the greatest abundance all through the Summer till late in Fall. The flowers are 2½ to 3 inches across, are borne on long stems which rise well above the lively green, small foliage and are of purest golden yellow with a black disc. It is a splendid flower for cutting and equally as valuable for flower groups or as a solitary plant on the lawn. Per pkt. (30 seeds), 10c.

Sweet William.

1307 **GIANT FLOWERED SWEET WILLIAM.**—An improvement on older sorts, both in variety of colors and size of flowers and trusses. The single flowers are often as large as a 25 cent piece, and are simply enormous in comparison with the old-time Sweet William.

Pkt., (100 seeds), 10c.; 3 pkts. for 25c.

1308 **NEW DOUBLE GIANT SWEET WILLIAM.**—Like the above, it is an improvement on the old fashioned Sweet William, producing umbels of enormous size on stiff stems and in a great variety of shades and colors. The single florets often measure one inch in diameter.

Pkt., (100 seeds), 10c.; 3 pkts. for 25c.

Special Offer! 1309. One pkt. each Double and Single Giant Sweet William for 15 cents.

1315 **SWEET SULTAN.** (*Centaurea Moschata*).—Sweet scented, profuse flowering, showy plants of easy culture and very handsome. Pkt., 5c.; $\frac{1}{4}$ oz., 15c.

THUNBERGIA.

1316. Beautiful climbers for the greenhouse or hanging baskets and lawn vases. Flowers flaring, trumpet shaped. 4 feet. Mixed, all colors. Pkt., 5c.

TORENIA FOURNIERI COMPACTA.

1317. The flowers are of same size and the same exquisite blue as the old Fournieri but the plants far surpass it in habit, which is very graceful and compact, and they are covered with flowers the whole Summer. Pkt., 10c.

1318. *Torenia Bailloni*.—Deep yellow. Pkt., 10c.

1319. —*White Wings*.—White, with a light flush of rose at the base of throat. Pkt., 10c.



SWEET VIOLET
THE CZAR.
Pkt., 10c.

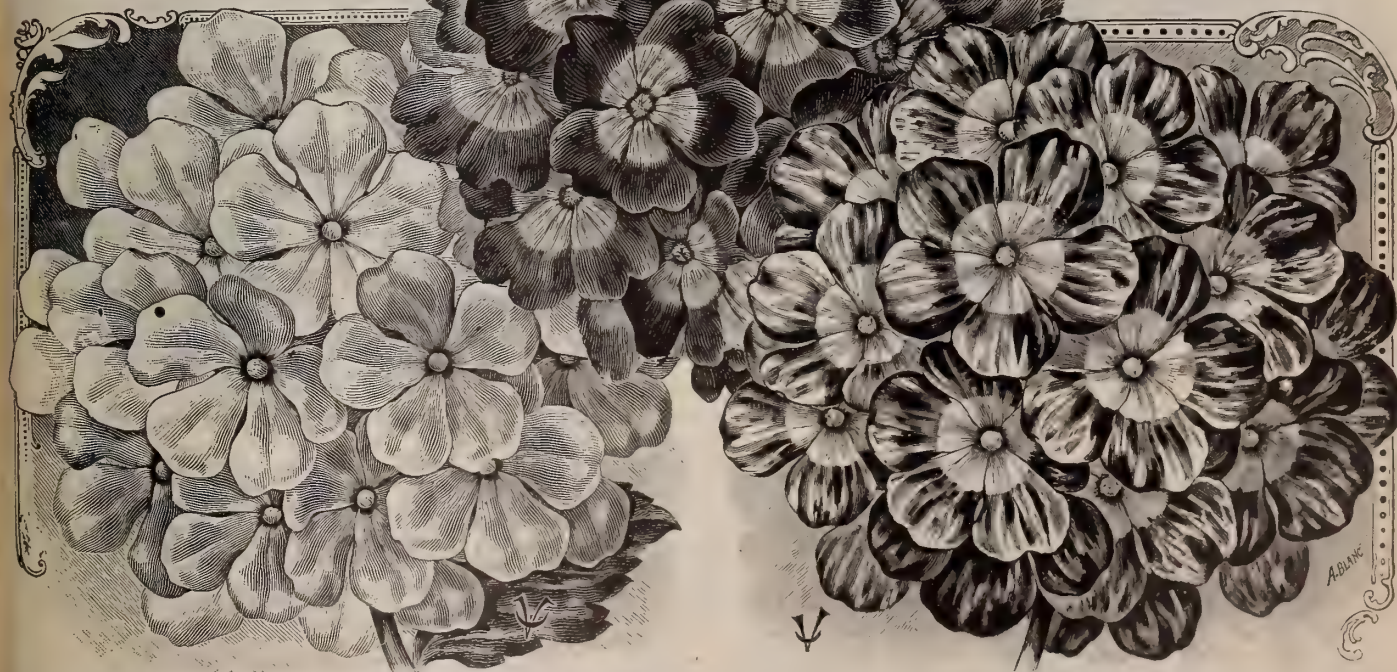
SWEET VIOLETS.

1320. *The Czar*.—Large flowering, blue. Pkt., 10c.

1321. *Blue Sweet Violet*.—The old-fashioned sort. Pkt., 5c.

Verbenas

Do you know that Verbenas are more easily grown from seeds than from cuttings, and that such plants are more vigorous and free-flowering? Sow them early and they will bloom for you constantly from June until frost time. The lavish and showy display of flowers in a Verbena bed is one of the most attractive garden pictures.



"VAUGHAN'S BEST" MIXTURE OF VERBENAS.

embrated Verbena specialists, the beautiful and dazzling Defiance, the New Mammoth Snowball, Purples, Striped, and all the Auricula-Flowered varieties with their large umbels of white-eyed flowers, the New Giant Striped, the Fordhook Mammoth and Howard's "Royal Splendor" Verbenas. We feel perfectly safe in stating that this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout the whole Summer. Pkt. (125 seeds), 15c.; 2 pkts., 25c.; $\frac{1}{8}$ oz., 50c.

1323. *Verbena White* (Sea Foam).—Large and sweet-scented. Pkt., 5c.

1324. —*Defiance*.—Scarlet. Pkt., 5c.

1325. —*Italian Striped*. Pkt., 5c.

1326. —*Dark Blue, White Eye*. Pkt., 5c.

1327. —*Purple Mantle*.—New; rich, deep velvety purple, white eye. 10c.

1331. *Verbena, Extra choice mixed*. $\frac{1}{8}$ oz., 40c.; pkt., 10c.

1332. *Verbena, Fine mixed*. $\frac{1}{8}$ oz., 20c.; pkt., 3c.

1328. *Verbena Purple*. Pkt., 5c.

1329. —*Yellow Leaved* (Golden Bedder).—A very interesting variety with golden foliage, which forms a striking contrast to the deep crimson flowers. Pkt., 10c.

1330. —*Lutea* (Primrose).—Straw-yellow. Pkt., 10c.

1322. This mixture embraces all that is choice and desirable in Verbenas. It includes the Mammoth Flowered strains of three celebrated Verbena specialists, the beautiful and dazzling Defiance, the New Mammoth Snowball, Purples, Striped, and all the Auricula-Flowered varieties with their large umbels of white-eyed flowers, the New Giant Striped, the Fordhook Mammoth and Howard's "Royal Splendor" Verbenas. We feel perfectly safe in stating that this mixture of Verbenas will eclipse every other strain offered by any other house, and it will produce flowers that will delight all beholders throughout the whole Summer. Pkt. (125 seeds), 15c.; 2 pkts., 25c.; $\frac{1}{8}$ oz., 50c.

NEW FORDHOOK MAMMOTH VERBENA.

1333. The individual flowers are all of unusual size and also embrace a wide range of colors, they are of very large size, being frequently larger than a silver quarter, in fact, many are scarcely covered by a silver half-dollar. The colors are varied and embrace all desirable markings. Pkt., 10c.; 3 for 25c.

NEW DWARF VERBENA.

This new dwarf strain of Verbenas is especially suited for bedding and edging, growing only about 6 inches high, and well branched and covered with flowers making an even carpet of leaf and blossom.

1334. *Dwarf White*. Pkt., 10c. 1335. *D. Scarlet*. 10c. 1336. *D. Mixed*. 10c.



DOUBLE WALLFLOWER.

* VINCA. *

1270. Ornamental free-blooming plants; seed must be sown early and then the plants will bloom the first summer. They can be taken up in the fall like Chrysanthemums, potted and kept in bloom through the winter.

Mixed Colors. Pkt., 5c.

VIRGINIA STOCKS.

1271. Very pretty, free-flowering plants, succeed in any soil; red flowers. 4 inches. Pkt., 5c.

WALLFLOWER.

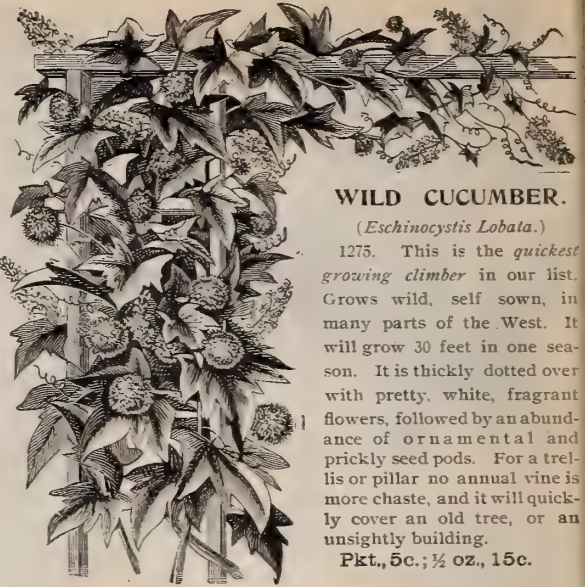
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Wallflower should be better known. Their ease of growth, their adaptability for pot culture and out-door bedding, and their peculiarly sweet odor, should win favor. They are easily grown, and last long as cut-flowers.

1272. **Eastern Queen.**—A decided new shade, a bright salmon red. Pkt., 5c.

1273. **Single.**—Mixed. Pkt., 5c.

1274. **Double Sorts.**—Extra mixed. Pkt., 10c.



WILD CUCUMBER.

(*Eschinocystis Lobata.*)

1275. This is the *quickest growing climber* in our list. Grows wild, self sown, in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty, white, fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree, or an unsightly building.

Pkt., 5c.; $\frac{1}{2}$ oz., 15c.

ZINNIAS.



ZINNIA, Crested and Curled.

1350. The flowers are large and double, the petals being twisted and curved into most graceful forms. The range of color is also very remarkable, comprising the various shades of red, yellow, pink, as well as many intermediate tints, with some striped and pure white. The plants grow in bushes 2 feet in diameter, and are covered with flowers borne well above the foliage.

Pkt., 10c.; 3 pkts. for 20c.

ZINNIA, Double Liliput.

1351. Another "good thing"; don't miss it. This is one of the most charming of recent introductions. The plants form handsome little bushes about 15 inches high, and fairly bristle with tiny, short-stemmed, very double flowers, hardly exceeding a daisy flower in size. They are exceedingly pretty plants, bloom all Summer long and until late in the Fall. Pkt., 5c.

VAUGHAN'S Giant-Flowered.

1352. This is a mixture of the largest Zinnias yet obtained, plants being of vigorous growth, about 3 feet high, and very profuse of bloom. The flowers are *extremely double* and *very brilliant in color*, showing shades not found in any former collection while in size they surpass all other Zinnias, often *4 to 5 inches in diameter*. It also includes the *Mammoth Zebra* strain, equal in size to the largest, and striped and marked in scarlet and gold, white and scarlet and other combinations. Pkt., 10c.; 3 for 20c.

1360. **Mixture of Double Large-Flowering Zinnias.**—Many colors, finest strain. $\frac{1}{4}$ oz., 15c.; pkt., 5c.

1354. **Zinnia Mexicana Fl. Pl.**—Dwarf variety yellow flowers. Pkt., 5c.

1353. —**Pure White.** (Snowball.) Pkt., 5c.

1355. —**Dwarf Scarlet.** (Fireball.) Double flowers. Pkt., 5c.

1356. —**Golden Yellow.** Large perfect shaped flowers. Pkt., 5c.

1357. —**Double Crimson.** Flowers very double. Pkt., 5c.

1358. —**Carnation Striped.**—Flowers are of perfect form, double and as finely striped as a Carnation. Pkt., 5c.

Surprise Flower Seed Collections.

throw them away, as has been our usual custom, we will make them up into Surprise Collections and all customers who avail themselves of our offers will experience a real surprise at the value received. The selection of varieties must be left entirely to us, but we will consider the wishes of our customers if they will indicate to what use the plants are to be put. These Surprise Collections will not be mailed before May 15, though orders will be booked any time before that date.

No. 1 SURPRISE COLLECTION, will contain 10 or more pkts. of different choice sorts of flower seeds. Price, 15c.

No. 2 SURPRISE COLLECTION, will contain 20 or more pkts. of different choice sorts of flower seeds. Price, 25c.

No. 3 SURPRISE COLLECTION, will contain 40 or more pkts. of different choice sorts of flower seeds. Price, 50c.

We guarantee these collections to contain seeds as good as those sold at regular catalogue prices.

Bulbs at Wholesale Prices.

KNOWING that many of our customers combine their orders for Bulbs with those of their neighbors and buy in quantities for their friends, we desire to give such large buyers the benefit of wholesale discounts, and submit a table of the same below. All Bulbs offered are guaranteed to be strictly first-class in every respect, and we will put up two or more orders in separate packages and make shipment of same in one lot without extra charge. It will pay you to combine orders and secure these money-saving discounts:

For \$ 2.00	Customers may select to the value of \$	2.25
" 3.00	" " " "	3.45
" 5.00	" " " "	6.00
" 8.00	" " " "	9.75
" 10.00	" " " "	12.50

Tuberose, Everybody's Favorite.

Handling as we do nearly a million of these each season, mainly for our wholesale and export buyers, enables us to select the choicest Bulbs which our "Mammoth Excelsior Dwarf Pearl" is a special selection made for many years of the most Dwarf, double, and full flowered spikes and is exceptionally sturdy and dwarf in habit. This "Mammoth" strain is positively the highest type of the Tuberose. The kind to grow if you desire "prize" blooms.

"Mammoth Excelsior Dwarf Pearl."—Especially selected for our retail trade; by mail, each, 7c.; 4 for 20c.; per dozen 60c.; by express at purchaser's expense, each, 5c.; 3 for 15c.; doz., 50.; per 100, \$3.00. (We supply 25 and over at the 100 rate.

First Size Bulbs.—By mail, 3 for 12c.; per doz., 40c.; by express at purchaser's expense, 3 for 10c.; doz., 35c.; per 100, \$2.00.

Second Size Bulbs.—All flowering often sold by so-called "Bargain Stores," under the name "first-class," 6 for 15c.; doz., 25c., postpaid; by express at purchaser's expense, 6 for 12c.; doz., 20c.; per 100, \$1.00.

TALL DOUBLE.—Flower spikes, $3\frac{1}{2}$ to 5 feet high; fine open flowers; free blooming. First Size, postpaid, 3 for 12c.; doz., 40c.; by express, doz., 35c.; per 100, \$2.00. Second size, 6 for 15c.; per doz., 25c.; not prepaid, doz., 20c.; per 100, \$1.35.

Variegated Leaved.—This is an early single kind, with striped foliage; flowers not equal to the double ones. Prepaid, each, 10c.; 3 for 25c.; doz., \$1.00.

Single.—Sometimes called Orange-Flowered. Bloom very early and are exceedingly graceful and pretty. Each, 8c.; 3 for 20c.; per doz., 60c.

ARMSTRONG'S EVERBLOOMING TUBEROSE.

A Tuberose that will bloom year after year is something many flower lovers have endeavored for sometime to obtain. We have this in **Armstrong's Everblooming**, which produces single flowers in extreme profusion, and of a fragrance similar to that of the "Jasmine," thus making it a most desirable variety for cutflowers. We are sure everyone will be pleased with this grand, new variety. By mail, each, 15c.; doz., \$1.50. By express, at purchaser's expense, each, 12c.; doz., \$1.35.

SUMMER FLOWERING OXALIS.

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage and showy flowers. Dieppi, pure white; Lasandria, fine rose pink. Either sort, per doz., 10c.; 35 for 25c.; 100 for 50c., postpaid.

IPOMŒA MEXICANA Mexican Morning Glory.

A Vine that will grow and thrive under almost any condition.

THIS is without question the easiest grown and most free flowering of all of the Ipomœas, produces large-sized blossoms of rosy crimson color, shaded violet or blue, and if planted in a shaded situation the flowers remain open all day. It is a wonderful quick grower, quite frequently making as much as thirty-five feet of vine in one season. Not altogether hardy, but the root can be taken up in the fall and preserved over winter like a Dahlia.

Choice Tubers. Each, 25c.; 3 for 60c.; doz., \$2.25, postpaid.

Extra Large Tubers. Each, 40c.; 3 for \$1.00; doz., \$3.50, postpaid.



IPOMŒA MEXICANA.

HARDY MOON VINE.

Ipomœa Pandurata, or Day Blooming Moon Flower.

This is perfectly hardy and increases in size each season. It sometimes happens that blind tubers of the above (without sprouts) are supplied by dealers. These of course, fail to grow. We get our stock direct from the collectors and take great care to send out only sure growing tubers, that will grow and thrive in any soil, producing luxuriant, compact foliage and quantities of beautiful white flowers with a purple throat. **First Size Roots**, postpaid, 15c.; dozen, \$1.50. **Extra Size Roots**, by express at purchaser's expense, each, 25c.; doz., \$2.50.

Very Hardy,
Very Fragrant, ✦
Very Vigorous. ✦

NEW
HYBRID LILY,

BURBANK.

Originated by Mr. Luther Burbank, the Famous Hybridist of California.

The beauty and value of this new Lily can be but faintly shown by either words or illustrations. It must be seen in its maturity and fullest development to be justly appreciated. The originator had the rare success to combine in this hybrid the especially valuable characteristics of both parents. From the Washingtonian Lily came the wonderful fragrance which can often be detected at a distance of four miles. Liliun Pardalinum is very hardy, very free flowering multiplies very rapidly, and can be successfully grown by anybody and everbody, all of which characteristics are reproduced in the "New Burbank Lily." There are many handsome lilies which bloom beautifully the first year or two after planting and then die out altogether. With the "Burbank" this is just reversed. The vigor and amount of bloom that are attained the first year or in the first two years even, do not anywhere nearly equal what is reached after the bulbs are longer established. Taller spikes, more flowers and larger flowers are produced each season, single bulbs, forming in the course of a few years, grand immense clumps with 150 to 2,000 or more blooms from each clump. Single spikes of flowers are from one to three feet long and bear from 25 to 100 blossoms. Color, beautiful yellow with brown spots. Because of its hardiness, vigor, fragrance and beauty, but especially on account of the rapidity with which it increases, the "Burbank" is the Lily "for the million." It multiplies like potatoes, each bulb making five or six new roots. Each, 50c.; 3 for \$1.25, postpaid.



EXCELSIOR PEARL TUBEROSE.

Cinnamon Vine. A very pretty vine to train around the window or on a trellis. In midsummer the plant is covered with a brilliant, glossy foliage and an abundance of fragrant flowers. It is also an exceedingly quick grower, having been known to attain a height of 20 feet in one season. **Good Roots**, 5c.; 6 for 25c.; doz., 40c. **Extra Large Roots**, 10c.; 3 for 25c.; doz., \$1.00.

APIOS TUBEROSA.

Also called tuberose-rooted Wistaria. A pretty vine possessing a delicious Violet fragrance. 2 for 10c.; 5 for 20c.; doz., 45c.

AMARYLLIS.

Belladonna Major. Tall spikes bearing 6 to 10 flowers, tipped with rose. Each, 50c.; 3 for \$1.25.

EQUESTRE.

Soft, scarlet color, throat snow white. Each, 15c.; 3 for 35c.

FORMOSISSIMA.

Deep, rich velvety crimson. Each, 15c.; 3 for 25c.

JOHNSONII.

Crimson striped with white. Each, 40c.; 3 for \$1.00.

VITTATA HYBRIDS.

The Cream of the Amaryllis.

Vittata.—(RED GROUND.) Flower crimson, with white markings. 50c.

Vittata.—(WHITE GROUND.) Marked and striped. 50c.

SPECIAL OFFER, NO. 400.

1 Cinnamon Vine, 1 Madeira Vine and 1 Hardy Moon Vine, for 20c., postpaid.

THE prices on this page include prepayment in the U.S. either by mail or express, unless otherwise stated. When shipped to Canada, 50c. per 100 bulbs should be added.

LARGE...
FLOWERING



GLADIOLUS



BRILLIANT
...COLORS

STRICTLY FIRST SIZE BULBS

No flower garden is complete without a bed of Gladiolus. They cannot be surpassed either for cut-flowers or for bedding display. We are large growers of these bulbs and supply only varieties and mixtures that we know are the best to be obtained and such as will give complete satisfaction. We call especial attention to our grand novelty "WHITE SPRAY," (see cut opposite.) We believe this to be the finest White Gladiolus, that can be obtained in quantity and at moderate prices.

We also carry in stock a large selection of Gladiolus under name—some 50 of the finest varieties, but owing to lack of space in this book it is impossible for us to list them. We will however, be glad to mail complete description and prices of same, free of charge, upon receipt of request.

The "World's Best" Gladiolus. A Grand New Mixture.

ALL NEW HYBRID CLASSES COMBINED.

CROSSES OF THE BEST OLDER KINDS, WITH ALL THE NEW ONES.

Every new form and color in the mixture. These bulbs are from the choicest private collection ever made in this country, and have been gathered together from all the best sources. Gladiolus have been improved on many lines in several countries by many careful hybridizers. We are fortunate in this mixture in combining all the best form and colors of this magnificent plant. We have the perfect and stately Gandavensis type with its symmetrical spike and delicate colors; the glowing beauty and graceful habit of the Lemoinei, the gigantic but elegant, richly colored duplicates of the Childsi form, also the loveliest type of all, the Nancieanus, with its slender spike, carrying enormous blooms, only to be compared with the rarest, richest orchids. With the above are the Burbank and Groff Hybrids, named varieties from Vilmorin, Kelway and Krelage, with many more odd and unique forms never offered before, making altogether the most varied and complete blending of colors and types possible.

An expert plantsman who has seen this combination in bloom during the season says: "I doubt if there was ever such a splendid lot of hybrids offered before. These seedlings are in many respects superior to the best named sorts. They will be a credit to any establishment."

The "World's Best" Mixture. ✦ Price, each, 10c.; 4 for 25c.; doz., 60c.; 50 for \$2.00; 100 for \$3.75.

MONEY SAVING GLADIOLUS MIXTURE.

We purchased the entire stock of a large grower at "closing out" prices and can offer in them, the best bargain ever made. The range of color is splendid; from deepest red to light pink, white and yellow. The bulbs are all of blooming size, and the price gives you such a quantity for little money that you may have flowers continuously all summer long.

"M. S. Mixture." 3 bulbs, 10c.; 6 for 15c.; 12 for 25c., postpaid; by express at buyer's expense, doz., 20c.; 25 for 35c.; 50 for 65c.; 100 for \$1.00; 250 for \$2.00.

GLADIOLUS IN COLORS.

All Large Flowering Bulbs.

These mixtures will be found to contain flowers equal to finest named kinds.

	Ea.	Doz.	50	Per 100
Red and Scarlet shades,	\$.04	\$.35	\$.85	\$ 1.50
Pink	" .05	" .40	" 1.25	" 2.25
Yellow	" .06	" .60	" 2.00	" 3.50
Striped	" .06	" .60	" 2.00	" 3.50
White	" .06	" .60	" 2.00	" 3.50

Prices on single bulbs and dozens include postage. 50 and 100 lots are sent at buyer's expense; add 50 cents per 100, if wanted by mail.

GLADIOLUS, Lemoinei. ...FINEST MIXTURE... ✦ Each, 3c.; 4 for 10c.; doz., 30c.; per 100, \$2.25.

SPOTTED LEAF CALLA.

Similar to the well-known White Calla, but having its glossy dark rich green foliage marked and dotted with numerous white spots. The flowers are pure white, with dark throat. Makes an exceedingly valuable decorative plant bedded out in the summer. Each, 15c.; 2 for 25c.; doz., \$1.25. Extra Large Bulbs, each, 25c.; 3 for 60c.

✦ GLOXINIA. ✦

Vaughan's Improved Hybrids.

We know of no bulbous plant that will give such universal satisfaction as the Gloxinia. Their charming trumpet shaped flowers are exquisitely tinted, blotched, or tigered with miniature dots of violet, pink, or crimson.

Each, 10c.; 3 for 25c.; doz., \$1.00; smaller bulbs, all-flowering, each, 7c.; 3 for 20c.; doz., 75c.

HYACINTHUS CANDICANS.

It can be used with excellent effect in the center of a bed of scarlet Gladiolus, as it comes into bloom about the same time. The flowers are bell-shaped and pendulous, pure white in color, and somewhat fragrant. The plant is hardy and grows stronger each year. Very useful along walls, fences and in beds. Each, 6c.; 4 for 20c.; doz., 55c.

GLADIOLUS NOVELTY...

"WHITE SPRAY."

This new seedling is the best and purest white flower in existence. The average height of the plants over a whole field, grown on ordinary soil, was more than 4 feet. The stalks are well branched, and the flowers larger and whiter than any other white or nearly white variety, while its thick petals stand the sun without wilting or fading. These splendid flower spikes excel everything for mantel or table decorations, or for any cut flower purposes. By successive planting of bulbs some will be in bloom all the time during the season.

A most remarkable advantage to the private buyer is its most prolific habit of producing young bulblets and bulbs, and it will increase five or six fold each year. The beautiful flowers are valuable and salable wherever cut flowers are used. No bulbs of it have ever been sold before. This is the first time it has ever been offered to the public. It can be had only from Vaughan's Seed Store, at Chicago or New York. We have fixed the prices exceedingly low for a novelty of such merit.

Price, FIRST SIZE BULBS, per doz., \$2.25; 2 doz., for \$4.00; each, 20c.; prepaid. MEDIUM BULBS, per doz., \$1.50; each, 15c.; 3 for 40c., prepaid.

EVERYBODY SHOULD GROW THE NEW "FRAGRANT" CALLA. SEE NEXT PAGE.



GLOXINIA.

HARDY LILIES.

THEIR EASE OF CULTURE, HARDINESS AND FREEDOM OF BLOOM
COMMEND THEM TO EVERY FLOWER LOVER.

A BED OF LILIES

Is a "Joy Forever" and there is no plant that will give such genuine satisfaction for a small outlay as the above. We are anxious that everyone of our friends and customers plant at least a few bulbs of this most beautiful of flowers—to further this end we have made prices within the reach of all.

Unless otherwise noted Prices herein are Not Postpaid
if wanted by mail add at the rate of 2c. per Bulb.



BERMUDA EASTER LILY.
LILIUM PRÆCOX.

The choicest of Japanese White Lilies, perfectly hardy and never fails to grow or bloom year after year. Produces flowers of a most beautiful frosted white with a tinge of blush on tips of petals. Each, 25c.; per dozen, \$2.50, postpaid.

LILIUM MELPOMENE.

The richest and most highly colored of the hardy Japanese Lilies, deep and rich crimson, bordered with pure white—a most beautiful contrast. Each, 25c.; per dozen, \$2.50, postpaid.

Batemani. (TURK'S CAP.)—Beautiful drooping flower of clear red color. Each, 25c.; 3 for 65c.; dozen, \$2.50.

Browni.—A very large, handsome variety; flower is a spreading trumpet, purple outside, creamy white inside, with stamens of rich chocolate color, very fine. We offer at the very low price of 60c.

Canadense.—This is one of our hardy, native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers. Each, 10c.; 3 for 25c.; per dozen, \$1.00.

Columbianum.—Flowers bright reddish orange, with purple dots. Each, 25c.; 3 for 60c.

Elegans, or Thunbergianum.—Early flowering, flowers cup-shaped, borne upright, and of a great variety of colors. They are very effective either in lines or clumps, and include many showy sorts. Mixed sorts, 20c.; per dozen, \$2.25.

Excelsum.—This stately and beautiful variety, which is becoming more popular every season, grows from five to six feet in height and bears from six to twelve fragrant, nodding flowers of a delicate buff color. Each, 60c.; 3 for \$1.60.

Hansoni.—Same type as L. Batemani described above, but of yellow color. Each, 25c.; 3 for 65c.; dozen, \$2.50.

Superbum.—The finest of the native Lilies; flowers bright orange-red thickly spotted with purple. Each, 10c.; 3 for 25c.; per dozen, \$1.00.

Pardalinum.—Handsome, golden orange flowers, produced in great abundance. Very fine for planting between Gladiolus. Each, 20c.; 3 for 55c.; dozen, \$1.75.

To make these beautiful plants more popular, we offer the following **VERY CHEAP**

LILY COLLECTIONS.

Offer "A."—The six choice varieties named below sent postpaid for 75c., viz: Tenuifolium, Superbum, Canadense, Tigrinum Single, Elegans and Washingtonianum.

Offer "B."—Varieties as named below, sent postpaid for \$1.00. List value, as sold by other Seedsmen and Florists, \$1.70. We have never offered so many really good ones for one dollar prepaid: Auratum, Album, Rubrum, Melpomene, Tenuifolium, Wallacei, Columbianum and Pardalinum.

Offer "C."—For a desirable bed of Lilies—a border or round bed, we suggest: 3 Liliun Auratum, 3 Liliun Speciosum Rubrum, 3 Liliun Album, 2 Liliun Tenuifolium, "The Coral of Siberia," 3 Liliun Canadense, 3 Liliun Tigrinum Splendens, 3 Liliun Superbum—20 Bulbs in all—strictly first size for only \$2.00, postpaid.

Offer "D."—For a larger bed or border these will make a grand display, as follows: 6 Lily Auratum, 6 Lily Speciosum Rubrum, 6 Lily Speciosum Album, 3 Lily Tenuifolium, "The Coral Lily of Siberia," 1 Lily Canadense, 1 Lily Browni, 1 Lily Excelsum, 6 Lily Tigrinum Splendens, 30 in all, large bulbs, for \$3.50, postpaid.

These Bulbs potted make the choicest of plants for Easter and early Spring blooming. They also bloom profusely when planted outside—fine for cutting.

PRICES: First Sized Bulbs, which should produce from 5 to 8 flowers. Each, 15c.; 3 for 35c.; doz., \$1.25, postpaid. By express, doz., \$1.00; 100, \$6.00

Extra Sized Bulbs, which should produce from 8 to 15 flowers. Each, 20c.; 3 for 50c.; doz., \$1.85, postpaid. By express, doz., \$1.50; 25 for \$2.75; 100, \$10.00.

Mammoth Bulbs, which should produce up to 20 flowers on a stalk. Each, 35c.; 3 for 90c.; doz., \$3.50, postpaid. By express, each, 30c., doz., \$3.00.

THE 3 QUEENS.

The 3 Lilies offered below are truly "queens" and they should be in everybody's garden. Note reduced prices.

AURATUM. (GOLD BANDED.)

JUSTLY famous as the most beautiful and fragrant of all Lilies, flowers white, dotted crimson, with a clear, broad, golden band running through the center of each petal.

First Size Bulbs, each, 15c.; 3 for 40c.; dozen, \$1.35
Extra Size Bulbs, each, 25c.; 3 for 65c.; " 2.50
Mammoth Size Bulbs, " 50c.; 3 for \$1.30 " 5.00

ALBUM. (SPECIOSUM.)

PURE white, with beautiful recurved petals, very fragrant. This, with Rubrum and Melpomene, belongs to the "Speciosum Section."

First Size Bulbs, each, 15c.; 3 for 40c.; dozen, \$1.35
Extra Size Bulbs, each, 25c.; 3 for 65c.; " 2.50
Mammoth Size Bulbs, " 50c.; 3 for \$1.30 " 5.00

RUBRUM. (CRIMSON-BANDED.)

FLOWERS are white, with a deep rosy or crimson band on each petal, with deeper colored spots between. They are 5 to 6 inches in diameter, very fragrant, and have all the hardness of the Speciosum class.

First Size Bulbs, each, 15c.; 3 for 40c.; dozen, \$1.35
Extra Size Bulbs, each, 25c.; 3 for 65c.; " 2.50
Mammoth Size Bulbs, " 50c.; 3 for \$1.30 " 5.00

Special Offer: One first size bulb each of the three grand sorts above for 40c., postpaid; one "extra size" bulb each, for 65c.



LILIUM AURATUM—(Gold Banded Lily.)

Tigrinum.—Improved Single Tiger Lily, perfectly hardy. Each, 10c.; 3 for 25c.; per doz., \$1.00.

Tigrinum Flore Pleno.—(Double Tiger Lily.) Each, 10c.; 3 for 25c., per dozen, \$1.00.

Umbellatum.—Very robust grower. Colors range from black red to all shades of rose, crimson and yellow. Each, 15c.; 3 for 40c.; per dozen, \$1.50.

Wallacei.—Clear buff flowers, spotted with black. Each, 15c.; 3 for 40c.

Washingtonianum.—Flowers white, tinged with purple. It is also very fragrant. One of the best California Lilies. Each, 25c.; 3 for 65c.



LILIUM SPECIOSUM RUBRUM.

TENUIFOLIUM—The Coral Lily of Siberia. This choice variety should be grown by the dozen, since they are very fine for cutting. It is of a dwarfish habit, the slender stem only reaching the height of about 18 inches and bearing pretty, drooping flowers of most brilliant red color. Each, 25c.; 3 for 60c.; doz., \$2.50.



LILIUM TENUIFOLIUM,
Coral Lily of Siberia.

TUBEROUS BEGONIAS.

Elegant healthy bulbs of our own importation and at lowest prices ever made.

This showy flower has now become very popular. Our customers plant lawn beds of 50 or 100 bulbs under partial shade with splendid results. Beautiful foliage, larger and richer flowers than Geraniums.

For 20c. extra we will include a copy of "Vaughan's Flower Bulbs and How to Grow Them" (regular price 25c.), giving full cultural directions for Begonias and all other bulbs, providing you order some of these Begonias.

BULBS OF GIANT FLOWERING VARIETIES.

Single White.....	Each, 7c.;	Double White.....	Each, 15c.
Single Yellow.....	4 for 25c.	Double Yellow.....	4 for 50c.
Single Scarlet.....	doz.; 75c.	Double Scarlet.....	doz., \$1.35
Single Pink.....	100, \$5.00.	Double Pink.....	100, \$11.00
Single Mixed.....		Double Mixed.....	

LILY OF THE VALLEY.

FRAGRANT AND LASTING.

A bed of **Lily of the Valley** once planted flourishes with little attention, and gives a wealth of bloom every Spring.

Clumps.—each, 20c.; 3 for 50c.; doz., \$1.85. If by mail add 5c. each.

Extra Large Clumps.—Each, 40c.; per doz., \$3.75 by express. If wanted by mail add 10c. each for postage.

NEW SWEET SCENTED CALLA "FRAGRANCE."

✱ The Fragrance of Violets and Lilies. ✱

In this we have not only a charming and useful flower produced in a profusion never before surpassed, if equaled, in a Calla, but also with a genuine, sweet, lasting fragrance all its own, yet similar to that of Violets and Lilies, which has never before been obtained in Callas.

Flower is of purest white; the foliage is also unique, being handsomely fluted. To introduce this queen of novelties we offer same at following prices:

Each, 25c.;
3 for 70c.;
doz., \$2.25;
postpaid.

ZEPHYRANTHES

or *Atamosco Lilies.*

Atamosco.—White, suffused with flesh color. Each, 5c.; 3 for 10c. per doz., 30c.

Rosea.—Beautiful large, rose-colored flowers, about 3 inches across. Each, 5c., 3 for 10c., per doz., 30c.

Treatea.—(Fairy Lily of the South.) Fragrant, pure white flowers. Each, 5c.; 3 for 10c. per doz., 30c.



LILY OF THE VALLEY.

CRINUM KIRKI.

The grandest variety of this group. The flowers are fragrant, petals broad and white, with a deep purple reddish stripe through the center. Usually two flower stalks are sent up, each bearing a large cluster of 12 to 20 flowers. It blooms with the greatest freedom. 40c. postpaid. Extra Mammoth Bulbs, weighing about one and one half lbs., \$1.00 postpaid.

SPECIAL OFFER:

For only 50c. we will send postpaid, one each of the following bulbs: 1 New Scented Calla, "Fragrance," "The Fragrance of Violets and Lilies;" 1 Arum Sanctum, Black Calla Lily of the Holy Land; 1 Crinum Kirki the grandest variety of the Crinums.



CALLA "FRAGRANCE."



SINGLE TUBEROUS-ROOTED BEGONIA—NATURAL SIZE OF FLOWER.

CALADIUMS or ELEPHANT'S EARS.

Prices for single bulbs and dozen lots include prepayment; 100 lots go by express at buyers expense.

ONE of the most effective plants in cultivation for planting out upon the lawn, growing 5 feet high, with handsome leaves often 3 feet long and 20 inches wide. It will grow in any good garden soil and is of easiest culture. Can be stored in sand in any warm place during winter.

Fine bulbs with live center shoots.

Bulbs from	Each	3 for	Dozen	100
1 1/2 to 2 1/2 inch, in diameter	10c.	20c.	75c.	\$4.00
" 2 1/2 to 3 "	15c.	35c.	\$1.25	6.50
" 3 to 4 "	30c.	85c.	3.00	15.00

Mammoth, largest size, beautiful bulbs, each, 40c.; per doz., \$4.00, by mail, 50c.; doz., \$5.00.

MADEIRA VINE.

The Madeira Vine is a popular and favorite tuberous-rooted climber of rapid growth, with dense and beautiful foliage, twining to a great height. It grows anywhere, but does better in a warm, sunny, sheltered location. It is also a very pretty plant for training around the windows in the house.

Strong tubers, each, 6c.; 3 for 15c.; per doz., 50c., postpaid.

ARUM SANCTUM.

Black Calla Lily of the Holy Land.

We have imported direct from Palestine, large stock of this most odd and curious plant which produces flowers of immense size, often measuring 15 inches in length and of a velvet purplish black. Each, 10c.; 3 for 25c.; doz., 75c.; postpaid.

: : Don't Fail to Order : :
The New Lily—"BURBANK."

See page 73.

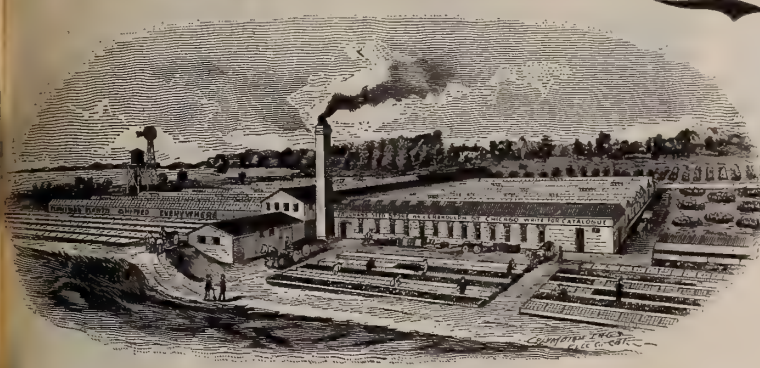


CALADIUM ESCULENTUM OR "ELEPHANT'S EARS."



BLACK CALLA—ARUM SANCTUM.

Greenhouse Plants.



Vaughan's Greenhouses, Western Springs, Ill.

Any one who will spend a few hours time soliciting friends to join them in sending orders to us can easily obtain a supply of plants with no outlay of money to himself. As an inducement to those who will aid us and themselves, we make the following liberal offers:

CLUBBING DISCOUNTS ON PLANT ORDERS WHEN MAILED PREPAID BY US.

For a remittance of	\$2.00	You may select extra plants valued at	30c.	And for each dollar sent above \$10. you may select extra plants to the value of thirty cents.
	3.00		50c.	
	4.00		70c.	
	5.00		\$1.00	
	6.00		1.40	
	8.00		2.00	
	10.00		3.00	

CLUBBING DISCOUNTS ON PLANT ORDERS SENT BY EXPRESS AT BUYERS' EXPENSE.

For \$2 select extra plants to the value of 50c.; \$3 select 80c.; \$4 select \$1.10; \$5 select \$1.50; \$6 select \$2; \$8 select \$3; \$10 select \$4; and for each dollar sent above ten dollars you may select extra plants to the value of 40 cents.

Purchasers are entitled to above rates on each order as sent in; discounts cannot be figured on total amount sent in at different times.

These Clubbing Rates apply only to a general collection of plants, at the price per single plant. They do not apply to prices by ½ dozen, dozen or hundred, and not to seeds, tools or other articles.

Individual orders for above amounts are also entitled to these discounts. Although we send some extras of our selection with every order, we offer no premiums on orders amounting to less than \$2.00.

These reductions do not apply to the "SPECIAL OFFERS" or "COLLECTIONS" at reduced prices.



**COLLECTION No. 311.
For Hanging Basket.**

One each Water Snowflake, Parrot's Feather and Water Hyacinth, for 50c., postpaid.

Water Snowflake. A very pretty floating plant, with beautifully fringed pure white flowers. Our illustration shows this plant in center of basket. Each, 20c.; 3 for 50c.

Parrot's Feather. The most suitable aquatic plant for edges of tubs and aquariums. Our illustration shows plant hanging over edge of basket. Each, 15c.; 2 for 25c.

Water Hyacinth. Can be grown in the open air in the summer and in the window in winter. Flowers well in any vessel of water placed in the sun. The Orchid-like flowers are about 2½ inches in diameter. Delicate lilac in color, shaded with rose. Each, 20c.; 3 for 50c.

Aquatic Plants. WATER LILIES.

AQUATIC PLANTS are now more popular than ever before; grand displays of them have been made in the parks of the larger cities, and many private places have now their water gardens. No class of plants can give more pleasure and none requires less care. Those who have shallow ponds can grow these plants, or an artificial pond may be made at a trifling expense. The best soil for growing them is rich, heavy loam. Rich garden soil or mud from the bed of a pond or stream, supplies their wants exactly.

TO GROW IN TUBS.—Fill the tubs two-thirds full of the above named soil. Plant the roots by laying them in horizontally near the edge, with the bud pointing toward the center of the tub, and barely cover them. Now fill the tub with water, and keep full; in winter keep from freezing.

TO GROW IN TANKS or basins is almost the same as for tubs. If preferred, the lilies can be planted in boxes and sunk in the water without putting soil in the bottom of the tank. Roots and young plants should not be placed in water more than a foot deep until they have taken a good start to grow. Nothing should be planted in new tanks while the water is strong of the cement.

For the convenience of our customers, we offer a few collections which will give best satisfaction to the amateur growers.

COLLECTION No. 309. Hardy Nymphaeas for Tub.

One each of the three Nymphaeas for \$1.00, postpaid.

Nymphaea Alba Candidissima.—Large, pure white flowers. Each, 50c.
Nymphaea Odorata Rosea.—Medium size flowers of a bright pink. Each, 50c.
Nymphaea Flava.—Color, bright, lemon yellow; delicately scented. Each, 25c.

COLLECTION No. 310. FOR TANK OR POND.

One each of the three Nymphaeas for \$5.00, prepaid.

Nymphaea Zanzibarensis Rosea.—Large flowers of a beautiful rose pink. Each, 50c.; 3 for \$1.00.
Nymphaea Zanzibarensis Azurea.—Large flowers of a rich, azure blue. Each, 50c.; 3 for \$1.00.
Nymphaea Dentata.—Pure white, night-blooming variety; flowers of largest size. Each, 50c.; 3 for \$1.00.
Nymphaea Devoniensis.—Flowers 10 to 12 inches across, color a brilliant rosy-red. Each, 50c.; 3 for \$1.00.
Nymphaea Elegans.—Color white, tinged with purplish blue, very fragrant. Each, \$1.00; 3 for \$2.50.
Nymphaea Coerulea.—One of the choicest. The flowers are a clear, light blue; very delicately scented. Produces flowers 6 to 8 inches across through summer season. Each, \$1.00.
Nymphaea O'Marana.—Flowers of largest size. Color rosy-red; stamens orange-red. A most attractive flower. Each, \$2.00.



CHOICE NEW NYMPHAEAS Collection No. 312.

One each of the four Nymphaeas for \$6.00, prepaid

Zanzibarensis. This is indeed a Royal Lily.

Flowers very large, deep purple; sepals deep green on outside and purple within, margin red. This is one of the most beautiful and free-flowering of all Water Lilies. Exquisitely fragrant. Each, \$2.00.

N. Pulcherrima. Flowers ten to twelve inches in diameter. Of a bright violet hue, base of petals and stamens a deep yellow. Leaves bronzy-green, slightly blotched red. Each, \$2.00.

N. Smithiana. Large, cup-shaped flowers; the broad and massive inner petals, creamy white; the outer ones striped with green and suffused with delicate pink. Stamens golden yellow. Very fine. Each, \$2.00.

N. Gigantea. One of the handsomest of Nymphaeas; the color being a satiny blue shading to white, with yellow, silk-like stamens. Each, \$2.00.



ABUTILON SAVITSI.

**ASPIDISTRA**

Variegata.—As popular as a Palm for house decoration. Almost indispensable where variegated foliage is required. The leaves are 10 to 18 inches long and 3 inches wide; beautifully splashed and striped cream-white. One of the few plants that seems to thrive in the hot air of the living room, where it increases in value and beauty with age.

Each, 25c.; larger plants, each, 75c. and \$1.00, by exp's.



AGERATUM PRINCESS PAULINE.

ABUTILON, Flowering Maples.

Price, 10 cents each, except where noted.

ABUTILON SAVITSI.

This is one of the most beautiful variegated foliage plants, both for the house and outdoors. It somewhat resembles SOUVENIR DE BONN, but is superior to this, the variegation being pure white, the white predominating, and in some cases a great many leaves are almost entirely white. It is of dwarf, compact growth, it thrives well outdoors, retaining its variegation in the hottest sun. It is most admirably adapted as a border for Cannas, Geraniums, and other taller growing kinds. We have tried it the past summer and found it most satisfactory. We can recommend it to everybody, as it is an ornament to the smallest garden as well as to the largest. Each, 15c., 5 for 60c., postpaid.

Souv. de Bonn.—Very strong grower, the leaves a beautiful green, are regularly banded with white; flower very large and bright orange color.

Boule de Neige.—White flowers; plant dwarf and blooms very freely.

Infanta Eulalia.—Flowers beautifully cupped and of the most lovely pale satin-pink imaginable. Produces flowers by the score Summer and Winter.

Eclipse.—A trailing variety, pointed green leaves marked with white and yellow. Flowers yellow, with crimson throat.

Indian Chief.—Bright crimson flowers.

SPECIAL OFFER No. 326. One each of the above 6 Abutilons for 50c. postpaid.



THURSTONI.



LOUISE CLOSSON.



BERTHA MCGREGOR.



MANICATA AUREA.

BEGONIAS, Rex Varieties.

Price, each, 15 cents. The 7 for \$1.00, postpaid.

BERTHA MCGREGOR.—Leaf long, pointed with deep notches. The center of leaf is small, dark and palm-shaped; the body of leaf being solid silver, outlined with bronze; extremely elegant.

Louise Closson.—One of the richest and most beautiful of the Rex family, with large and handsome foliage. The coloring is simply magnificent, center of leaf deep bronze, with a broad band of silvery rose, edged bronze and spotted rose.

Queen Victoria.—Solid silvery leaf of crepe-like texture, reddish veins, embroidered margin and fluted reddish edge. One of the largest leaved.

Magnifica.—One of the finest and largest leaved of the Rex family. The leaf is silvery, with beautiful markings; no pen description can do it justice.

CLEMENTINA.—The stem and upper surface of the leaf are of a beautiful bronze green, decorated with large silver spots; under side a bronze red, forming a pretty contrast.

Lesoudsil.—This is the largest leaved of any of the Rex family. It is a cross between B. Diademata and a Rex variety, but retains the Rex character.

Enfant de Nancy.—Strong, vigorous grower, with thick, heavy leaves distinctly marked with a broad, silvery zone; edge reddish bronze.

BEGONIAS, Flowering Varieties.

Price, except noted, each, 10c. The 5 for 50c., postpaid.

Thurstoni.—A beautiful, stately plant, with remarkably handsome foliage. The under side of the leaves is a rich, purplish-red, the veins are very prominent, while the face, or upper side, is a bronzy-green, with a peculiar glossy luster over all. Flowers rosy white, in large clusters.

Manicata Aurea.—Its heavy, waxy leaves are boldly blotched and marbled with a rich, golden cream, with a clear pink etching in the mature leaves. Easily raised and a strong grower. Each, 20c.

Erfordia.—One of the most prolific bloomers in the Begonia family; it is continually covered with clusters of rosy-salmon flowers. An excellent variety for bedding, growing and blooming in our hot sun equal to the best Geraniums.

OTTO HACKER.—One of the best bloomers of these splendid decorative plants. Stiff, upright habit, with large, dark green leaves; great drooping clusters of coral-red flowers produced in bunches of 25 or more.

VERNON.—Foliage rich, glossy green, with red edge; flowers at first opening are deep red, changing to clear rose in the fully open flower. Blooms when quite small, thrives everywhere and is very popular. Will stand bedding in full sunshine.

AGERATUM PRINCESS PAULINE.

A most distinct and novel variety of dwarf compact habit, rarely exceeding five inches in height, its peculiarity being that both colors, blue and white are combined in the same flower, the body of the flower being white, while the stamens are of a light sky-blue, giving the flower a pretty variegated appearance; one of the most distinct new bedding plants that has come under our observation.

AGERATUM, Blanche.—Pure white, very desirable.

John Douglas.—Large, azure-blue, dwarf and compact.

Each of above Ageratum, 10 cents, the 3 for 25 cents.

ARAUCARIA Excelsa.—(Norfolk Island Pine.) This beautiful plant, resembling the Pine somewhat in appearance, though much finer in texture, is particularly adapted to table decoration. It is most unique in appearance, the branches being arranged in neat symmetrical whorls.

Plants 12 to 14 inches high, with 3 to 4 whorls, by express, each,	\$2.00.
" 18 to 20 " " " 4 " " " "	2.50.
" 22 to 24 " " " 5 to 6 " " " "	3.50.

Aerva Sanguinea. (Blood leaf.)—Dark rich crimson leaves; retains its color all summer; neat, compact habit; fine for edging and borders

Each, 10c.; 3 for 25c.; 12 for 75c.



MRS. S. A. NORTHWAY.



JUBILEE.



EVELINA.



MRS. GEO. M. BRADT.

VAUGHAN'S COLUMBIAN SET OF CARNATIONS.

SIX BEST AND MOST DISTINCT SORTS FOR 1899.

Each, 15c.; 3 for 40c.; doz., \$1.50, postpaid.

One each of the following six splendid sorts for 50c., postpaid.

This set is selected with special reference to their distinct and striking appearance.

Every one free blooming in habit, with flowers that do not burst.

Mrs. Geo. M. Bradt.—Color clear white, heavily edged and striped with bright scarlet; flowers enormous and full, with center petals standing erect, giving the bloom a well-rounded form. Habit strong and vigorous; a constant bloomer from early to late and is considered the most striking Carnation of recent introduction.

Evelina.—Pure white, of large size, good form and substance. The flowers are fragrant and borne on long, stiff stems that always carry the bloom erect. Extra fine and continuous bloomer; does not burst; a strong grower.

Jubilee.—Color intense scarlet of the richest shade. One of the largest flowers among the reds; flowers full and well built; a free, continuous bloomer.

Mrs. S. A. Northway.—Color soft shell-pink, developing to nearly pure white. Strong, stiff stems, very fragrant and does not burst its calyx. In short, it has all the points which make up a first-class Carnation.

Gold Nugget.—The first yellow that can be pitted against Buttercup in point of color, and in all other points far ahead of that celebrated variety. Strong grower and free flowering; long, strong stems.

Argyle.—One of the sensational new Carnations of this year, receiving awards wherever shown. Color, a pleasing shade of carmine pink, flowers extra large, borne on strong stems. An early and continuous bloomer.

GENERAL LIST OF CARNATIONS.

Amazinda.—Pure white, lightly penciled with scarlet. Fine, large flower of good form on very stiff stems nearly two feet in length. Calyx very firm and flower does not burst. Very fragrant. Plant a healthy, strong grower and free bloomer.

Bon Ton.—Bright, warm scarlet; large, deeply fringed, fragrant flowers on extra stiff stems. The growth is so strong it does not need staking. Each, 15c.; 2 for 25c.

Flora Hill.—The grandest white variety to date, and destined to be found in every greenhouse because of its easy management. The flower is of enormous size and rounded build; wonderfully free in growth; good calyx; not subject to rust. Selected cuttings; well rooted.

Price, each, 10c.;
any 3 for 25c.; any
6 for 50c., postpaid.

Special Offer No. 302.
1 each of these 12 Carnations, \$1.00, postpaid

Triumph. An exceptionally strong, healthy grower, with extra large blooms $2\frac{1}{2}$ to 3 inches across, on heavy, stiff stems 18 to 24 inches in length. flower very full, of fine form, with strong, firm calyx that does not burst, deliciously fragrant and remains in perfect condition a long time after being cut. Color, clear, bright pink.

Tidal Wave.—This is a splendid carmine-pink, the most free-flowering of all. Its dwarf habit, the stems being only twelve to fifteen inches high, makes it most desirable for pots.

Wm. Scott.—This is the greatest cut-flower Carnation in the florists' stores this year. A strong, rich pink, with a shade of salmon, giving it a warmth of color seen in no other pink; finely fringed petals, flowers of large size, with long stems that hold it erect.

CALLAS.

True Little Gem, or Miniature.—The plant is a miniature form of the old-fashioned Calla. A full-grown specimen stands only eight to ten inches high and is rarely without flowers. 15c.; 2 for 25c.

CALIFORNIA GIANT.

This rare mammoth Calla we found growing at Santa Rosa. At that time, June 30, the plants were five feet high and bore flowers eight inches across, with flower stems over five feet in height and nearly one inch in diameter at the bottom. Fine, strong plants, 30c.; 2 for 50c., postpaid.

Ethiopia.—The well-known white Calla Lily. 15c.

Spotted Leaf Calla.—Each, 15c.

Black.—Foliage deep green; flowers very large; deep, velvety black. Each, 20c.

Vaughan's Calla Collection, 1 each of above, 75c., postpaid.

FANCY LEAVED CALADIUMS.

For window boxes, house or greenhouse growing this is one of the most decorative plants. Their rich, thrifty leaves, handsomer than Begonias, are spotted, marbled, veined and striped with white, pink and dark red. These bulbs, though comparatively rare, are easily grown and their handsome foliage is much admired. Out of doors use a shaded location, with light soil, watering often as needed. Bulbs should be dried down and stored in a warm place during the Winter. They should be started into growth in a warm place by April 1st. Each, 20c.; 6 new varieties, \$1.00, postpaid.

NEW COLEUS.

Each, 10c.; the 5 for 40c.; doz., 90c.

Hermann Sudermann.—(Imported.) Large leaves of a deep brown color, with a large, cherry-red center, with small, notched edge. The plant grows excellently and has an imposing appearance.

President Druetz.—(Imported.) Long, pointed leaves of a bright scarlet, blotched deep crimson; strong grower and good bedder.

Klondike.—Large rounding leaves, blotched golden-yellow, light green and crimson. Very fine.

Mrs. F. Sander.—Beautiful and distinct; dwarf, bushy habit. It has a wedge of creamy white in the center of the leaf, with a clearly defined margin of oxide green, bronze, purple and crimson. Makes a beautiful bedding plant and a very decorative house plant in Winter.

Gold King.—Each leaf, when matured, is of a magnificent old gold color, quite distinct from any other yellow.

BEDDING COLEUS.—In variety. Per dozen, 75c.; 50 by express, \$2.00; per 100, \$3.75.

Cyperus Alternifolius, (Umbrella Plant.)

A splendid water plant for the center of a vase or aquarium. Very easy to grow. Each, 15c.

Special Offer No. 303. One fine plant each, Carnation Mrs. Bradt, Calla Little Gem, Umbrella Plant, Coleus Klondike and a beautiful Fancy-leaved Caladium for.....50 cents, postpaid.



FANCY LEAVED CALADIUMS.



CALLA, LITTLE GEM. 15c.

Vaughan's Cannas.

No halt has been made in the rapidly growing popularity of this grand class of summer bedders since our importations attracted so much attention at the World's Fair. Every season their splendid flowers and foliage effects win for them more friends everywhere. We are cultivating a complete assortment every Summer at Western Springs and our 1899 catalogue contains the best to date, as we discard or throw into our mixed lots those smaller flowered or older kinds which are superseded by newer ones in the marked improvement made. We do not retain any named varieties unless they possess high grade flowers or very desirable foliage.

OUR YOUNG PLANTS will mostly be started into growth and be ready to go ahead. Plant out of doors about May 25th at Chicago or New York.

These Cannas bloom all Summer and in the Winter in the house if potted before frost touches them.

We had 14 acres planted in Cannas at our Nursery in Western Springs, the past Summer.

All Cannas on this page, except where noted, each, 15c.; any 3 for 40c.; 12 for \$1.50.

Alsace.—3½ feet. Green foliage. Nearest approach to white, being a pale lemon yellow and bleaching to white in the sun. When massed it makes a fine effect against a dark back ground. Medium sized flowers.

Aurore.—4 to 5 feet. Green foliage. Flowers a distinct orange-salmon; trusses of large size and produced in the greatest profusion. Always look well in dry or wet weather, showing its flowers to best advantage when massed. So planted it is very effective.

Baronne de Poilly.—4 feet. Green foliage. A most prolific bloomer, with large, rounded petals which open out very full, making a perfectly round flower of excellent form; of a rich orange-salmon color.

Beaute Poitevine.—3½ feet. This proved one of the best Cannas in our collection last Summer. It is of a bright, rich crimson color, with erect flower spikes. It is an ideal Canna for bedding. It seems to stand severe drought better than most kinds, the flowers standing up during the hottest Summer days without injury. It comes into bloom very early and blooms continuously. Taken all in all it is one of the most brilliant bedders.

Each, 20c.; 3 for 50c.

Bronze Beauty.—5 feet. Bronze leaf, green stalk, strong grower; flowers open and well above the foliage, petals large and curving, color same as J. C. Vaughan, but has a changeable appearance in different lights.

Cuba Libre.—3 feet. Green foliage. An improved Madame Crozy; large flower, deep blood-red and fully equal to Madame Crozy in flowers, foliage and habit of growth.

Egandale.—(Medal.) 4½ feet. Considered by experts the best in this class. Purple foliage, strong, compact flower spikes, color currant-red. The finest bedding Canna of its color because of its harmony of leaf and flower, and because of its brilliancy it can be seen farthest.

Eldorado.—4 feet. Foliage green, large, yellow flowers, finely speckled with lightest red; they never fade but drop off the flower-stalk as they pass perfection, leaving it bright and clean, so that the bed is always a mass of the brightest, golden yellow.

See also Novelty Pages and Colored Plate.



QUEEN
CHARLOTTE.

Write for prices on larger lots than these quoted on this page.



FLORENCE
VAUGHAN.

Etendard.—5 feet. Green foliage; strong grower, long and wide, drooping leaves, flower spike large and compact, well above the foliage; petals large and curving; color deep orange, with very narrow edge of yellow.

Florence Vaughan.—(Medal.) The most famous of all Cannas. It was hybridized by Mr. Crozy, and the entire stock, 13 plants, purchased by us for 2,000 francs in 1891. It still remains so, the highest type of new French Canna flowers. The flowers are a rich, golden yellow, thickly dotted with brightest red. Height, 5 feet. No Canna bed is complete without this perfect ever-bloomer. By express, 25 for \$2.50; 100 for \$8.00.

Furst Bismarck.—4 feet. Green foliage. Color a rich scarlet crimson, but so distinct from all other crimsons that it can be planted along with them in perfect harmony of color. The flowers are of medium size, petals of good substance, and produced in immense trusses; the plant is of vigorous, compact, uniform growth.

Inglewood.—5½ feet. Foliage a rich, plum-purple, broad and musa-like. Extra strong, robust grower, carrying its numerous flower spikes well above the foliage; the dead flowers drop quickly, leaving the fresh bloom clean—a good habit. Flowers large and of a clear, deep vermillion without markings. Each, 20c.; 3 for 50c.

Leon Pepin Lehalleur.—4 feet. Green foliage. Color brilliant carmine-red that at once attracts attention. It is effective in every position; flowers extra large and round, with strong, heavy petals withstanding roughest weather.

Maiden's Blush.—4½ feet. Green foliage. One of the most striking of recent introductions. A good large flower and a good truss of bloom; color, clear rose pink, almost the exact shade of the Daybreak Carnation. A handsome addition on account of its novel color. Each, 20c.; 3 for 50c.

Mrs. Fairman Rogers.—3½ feet. Green foliage. An improved Mad. Crozy, of dwarf, compact habit; a profuse bloomer, forming large flower trusses of a brilliant red, banded with a narrow border of yellow. Each, 20c.; 3 for 50c.

Pierion's Pemier.—(Little Billee.) 3½ feet. Green foliage. A very dwarf variety, intermediate in color between Queen Charlotte and Souv. de Antoine Crozy; fine as a pot plant and equally as good for out-side rows in planting a Canna bed.

Papa.—4 feet. Green foliage; considered by many the finest red; strong grower, throwing up immense spikes of flowers; the florets being of grand size and fine form; color, pure red; habit of plant graceful.

Queen Charlotte.—4 feet. Green foliage. A distinct flower, rich, crimson-scarlet, with wide gold border; a profuse bloomer; the flower-spike which is full and well formed, stands well above the leaves.

Roi des Rouges.—4½ feet. Green foliage. M. Crozy calls this the king of the reds, and it is certainly one of the finest of the many reds yet introduced; the flowers are of good size, with heavy petals, and are produced on stout, thickly-set stems. Each, 20c.; 3 for 50c.

Souv. de Mme. Crozy.—5 feet. Green foliage. Extra strong grower. The flower spikes, of which there are five to six in a stalk, are very large and full. Garnet red flowers, with broad border and large center of a brilliant yellow. Each, 20c.; 3 for 50c.

Souvenir d'Antoine Crozy.—4 feet. Green foliage. This is a perfect gem and in our estimation the finest gold-bordered variety; the flowers are large, well rounded petals, which are of the intense scarlet-crimson, rich and dazzling and are bordered with a broad, rich, golden-yellow border. Each, 20c.; 3 for 50c.

BURBANK, The largest of all yellow Cannas.
EACH 15¢, 3 FOR 40¢, 12 FOR \$ 1.50 POSTPAID.

ALEMANNIA The best of the Giant Orchid Flowered Type.
EACH 25¢, 3 FOR 65¢, 12 FOR \$ 2.50 POSTPAID.

LEONARD VAUGHAN, The best strongest growing sort of the bronze leaved kinds.
EACH 20¢, 3 FOR 55¢, 12 FOR \$ 2.00.

CHICAGO, The best of all the red flowering Cannas.
OF THE CROZY TYPE.

EACH 20¢, 3 FOR 50¢, 12 FOR \$ 2.00.

**VAUGHAN'S "ELITE" CANNA
COLLECTION.**

One each of the above
4 CHOICE CANNAS

BY MAIL OR EXPRESS
CHARGES PAID. 65¢

BY EXPRESS AT
BUYER'S EXPENSE.
60¢.

**VAUGHAN'S "ELITE" CANNA
COLLECTION.**

PRICES INCLUDE
Prepayment

BY
MAIL
OR
EXPRESS.

FOR
DETAILED
DESCRIPTION
OF
THESE CANNAS
SEE
BACK OF
THIS PAGE



10 SURPRISE COLLECTIONS OF CHOICE GREENHOUSE PLANTS

WE devote twenty large greenhouses to the cultivation of decorative and flowering plants, supplying, as we do, commercial florists all over the country. To be well prepared for the season's orders, we must propagate largely of nearly all the plants we grow.

For reasons readily understood, many excellent kinds often show an overstock toward the close of each season and, for lack of room, must be disposed of. To do this quickly and make room for our Summer stock, we offer for May planting these splendid Collections, regardless of value. Remember, none of these are poor plants or inferior kinds in any way, but are often high-priced varieties.

All orders for these Surprise Collections will be acknowledged and entered on our books as received. We shall commence sending out the same by May 15, and all will be sent within two or three days from that date.

SURPRISE "ROSE" COLLECTION.

This Collection contains—

10 BEAUTIFUL EVERBLOOMING ROSES

For 50 cents, prepaid.

The varieties are all different colors and shades, such as are especially suited to constant flowering all Summer—only clean, healthy plants will be sent—if purchased singly these kinds would cost double.

SURPRISE "CARNATION" COLLECTION.

**10 GRAND CARNATIONS,
ALL DIFFERENT SHADES AND COLORS**

For 50 cents, prepaid.

All of the best sorts, including some varieties from our Columbian set.

SURPRISE "MIXED" COLLECTION.

In this Collection we will send—

10 BEAUTIFUL PLANTS, ALL DIFFERENT

For 50 cents, prepaid.

Including rare and choice kinds, many selling at twenty-five cents each. Do not miss this collection.

SURPRISE "PALM" COLLECTION.

5 GRAND PALMS, ALL DIFFERENT

For 50 cents, prepaid.

In this collection we will indeed give you a surprise. Worth three times the amount asked.

SURPRISE "DAHLIA" COLLECTION.

10 for 50 cents, prepaid.

We will include in this collection ten Dahlias, selected from our grand collection of varieties. All different. This collection would be cheap at double the price.

SURPRISE "CANNA" COLLECTION.

This Collection contains—

**10 DIFFERENT VARIETIES
OF THE NEW EVERBLOOMING CANNAS**

For 50 cents, prepaid.

Includes crimson, scarlet, yellow spotted, gilt edged, orange, bronze leaved and new seedlings, ten of the best large-flowering new kinds from our famous World's Fair Collection; one of the best in America.

SURPRISE "GERANIUM" COLLECTION.

10 BEAUTIFUL GERANIUMS

For 50 cents, prepaid.

In this collection of this old-time favorite, now again so much in demand, we include new and choice sorts, with heads nearly as large as a Hydrangea. All colors, single, double and scented—all different.

SURPRISE "CHRYSANTHEMUM" COLLECTION

**10 CHRYSANTHEMUMS,
ALL DIFFERENT AND DISTINCT SORTS**

For 50 cents, prepaid.

This collection will be made up of the best sorts, only such as are listed elsewhere in this book.

SURPRISE "FERN" COLLECTION.

10 BEAUTIFUL FERNS

For 50 cents, prepaid.

This collection will contain such sorts best adapted for Fern Pans. If you wish a fern dish for your table, do not miss this collection.

SURPRISE "BEGONIA" COLLECTION.

10 HANDSOME BEGONIAS, ALL DIFFERENT

For 50 Cents, prepaid.

Here is a chance for you to get a good collection of Begonias for little money.

VAUGHAN'S MONEY SAVING PLANT COLLECTIONS.

10 Beautiful Collections
for \$4.00, Prepaid...

ANY FOUR COLLECTIONS

For \$1.75; prepaid; by express, \$1.50.

ANY SIX COLLECTIONS

For \$2.50; prepaid; by express, \$2.25.

TEN COLLECTIONS

For \$4.00; prepaid; by express, \$3.50.



We will send them all to one address or to different addresses, as you may signify. If you have a friend who loves flowers you can make him no more pleasing present than one or more of these Collections. Send us your card and we will send it along with the plants.

All plant orders are filled at our greenhouses at Western Springs, Ill. When plants are shipped by Express or Freight the purchaser pays forwarding charges from there.

✿ Vaughan's "Elite" Canna Collection,

ILLUSTRATED ON THE OTHER SIDE OF THIS SHEET. ✿ ✿ **65c.**
Prepaid.

Burbank. The new Orchid, Flowered Canna. A beautiful flowered, clear yellow Canna. The flowers are truly gigantic in size, the upper petals spreading fully 7 inches and the form is really semi-double. Toward the inner part the petals show fine crimson spots, all the rest of the flower is of a most beautiful, rich canary-yellow. A very strong grower, 5 to 6 feet high, with leaves having a texture like rubber. As a decorative plant as well as a flowering plant for greenhouse or private conservatory it is the finest novelty of recent years.

Chicago. Two of the three expert Canna judges of the Society of American Florists pronounce this the best of all the red varieties; 5 feet, green foliage, with leaves 9 to 10 inches wide, flower, truss and stalk stand boldly erect. The large flowers open out nearly flat, petals 1½ inches wide and five in number. The color is a clear, deep vermillion, smooth and without markings, except a purplish gloss.

Alemannia. The gigantic-flowering Canna. This kind produces the largest flowers which have been obtained on any Canna. The plant grows 4½ to 5 feet high and has numerous musa-like, glaucous leaves. Above the leaves, which alone would be sufficient to render the plant beautiful, emerge numerous, gigantic and really wonderful spikes of flowers. The blooms are enormous and surpass in size even those of the Canna "Italia." The outer petals are scarlet with a very broad, golden-yellow border. The inside of the blooms is scarlet and dark red. Exceedingly beautiful.

Leonard Vaughan. Five feet. Rich, deep bronze foliage. Very strong, robust grower, flowers freely, and well-formed flower spikes show boldly above the foliage. Color, bright scarlet without markings and with very wide petals, measuring 1½ inches. The best dark foliage, good flowering Canna to date.

We were awarded a gold medal for the excellence of our Cannas, Pansies and Roses at the Omaha Exposition last year.



MIDWAY.

CANNAS.



M. Mesnier

Parsons, Kansas, April 7th, 1898.—I want to thank you for the splendid plants you sent me in filling my last order; they are the finest I have ever received from any of my numerous orders of the past 20 years.—MRS. H. H. BROWN.

Special Offer No. 307. 3 fine Cannas 35c.; one plant each of Beaute Poitevine, Cuba Libre and Egandale for 35c., postpaid.

Special Offer No. 308. 6 grand Cannas for 65c.; one plant each of Burbank, Florence Vaughan, Robert Christy, Midway, Chas. Henderson and Leonard Vaughan for 65c., postpaid.

CANNA BED.

Paul Marquant.—4 feet. A vigorous grower, foliage deep green; strong flower spikes; extra large flower of a deep salmon color, smoothly shaded orange.

J. C. Vaughan.—4 feet. Purple foliage; flower large, color clear, deep vermillion-orange, with a satiny luster on the petals.

Madame Crozy.—Medal awarded. 3½ feet. Green foliage. Immense flower heads of the deepest vermillion, gold-bordered; petals very wide and broadly rounded.

J. D. Cabos.—Medal awarded. 4 feet. Purplish green foliage, stalks numerous, flowers large and round, color exceedingly distinct apricot. Its novel color attracts much attention.

M. Mesnier.—(Medal.) 4 feet. Dark green foliage; sturdy growth, flowers large, petals wide; color, salmon, slightly streaked and dotted with red. The petals have a narrow rim of yellow, often ½ inch wide.

Mme. Leon Leclerc.—5 feet. Green foliage. Medium size flowers of a bright orange-scarlet, with a narrow yellow margin on each petal. Strong grower and prolific bloomer.

Discolor.—10 feet. Its mammoth leaves are bronzy red; used largely for background or foliage effect; small, red flowers.

PRICE, all Cannas on this page, unless where noted, each, 10c.; any 3 for 25c.; 12 for \$1.00, by mail, postpaid.

By express, at purchaser's expense, 12 for 85c.; 25 for \$1.50; 50 for \$2.50.

For the convenience of our customers wishing to make a Canna Bed, we offer the following suggestions: Cannas being strong growers, require a rich soil. After planting, water sparingly for a few days, until plants have taken root; after well established, they will stand any amount of water. Set the plants 18 inches apart each way; using the tall growers for the center and dwarf sorts for border.

Plants to fill a Canna Bed (No. 1) 7 feet in diameter.

1 Florence Vaughan,	center plant or first row.....	.15
6 Egandale,	2nd row.....	.80
12 Madame Crozy,	3rd row.....	\$1.10

Special Offer, Canna Bed No. 1, for \$1.80, postpaid. \$2.05
If ordered by express we will send larger plants.

For a Canna Bed (No. 3) 13 feet in diameter.

1 Alemannia,	for center or first row.....	.20
6 Leonard Vaughan,	2nd row.....	\$1.00
12 Florence Vaughan,	3rd row.....	1.50
18 Beaute Poitevine,	4th row.....	3.00
24 Dwarf Fl. Vaughan,	5th row.....	5.00

Special Offer, Canna Bed No. 3, \$10.00. \$10.75
Stronger plants by express.

For a Canna Bed (No. 2) 10 feet in diameter.

1 Leonard Vaughan,	center plant or first row.....	.20
6 Burbank,	2nd row.....	.80
12 Chicago,	3rd row.....	\$2.00
18 Queen Charlotte,	4th row.....	2.25

Special Offer, Canna Bed, No. 2, for \$5.00, postpaid. \$5.25
If ordered by express larger plants will be sent.

Second Selection for 13 foot Canna Bed, (No. 4.)

1 Alemannia,	for center or first row.....	.25
6 Burbank,	2nd row.....	.75
12 Egandale,	3rd row.....	\$1.50
18 M. Mesnier,	4th row.....	1.60
24 Cuba Libre,	5th row.....	3.00

Special Offer, Canna Bed No. 4, \$6.50 \$7.10

Extra Strong Plants From 5-inch Pots.

Ready May 10-15th.

For customers who wish immediate effect in Canna Beds, we offer May 10th, well-grown plants from 5 inch pots, with strong shoots of the following kinds: Florence Vaughan, Mad. Crozy, Eldorado, Egandale, Queen Charlotte, Little Billee (Premier), Bronze Beauty, Alphonse Bouvier, Cuba Libre, Etendard, Burbank and Italia. Price, by express at buyer's expense, each, 20c.; any 3 for 55c.; any 12 for \$2.00. We quote special price on 100 lots.



WALLA WALLA, Washington, April 7th, 1898. The order of plants and seeds received about two weeks ago. Some of the plants did not even wilt and are growing nicely.—Mrs. A. Mathiot.

WANAMAKER, Missouri, May 16th, '98. My boxes of plants were received in due time. Cannas were particularly nice. Accept my thanks.—Sallie Belwood.

AGNES, Michigan, April 9th, 1898. The six plants I got of you in March came in excellent shape.—Mrs. W. W. Kook.

BLAIRSVILLE, Indiana, April 13th, 1898. Cannas and Roses purchased of you last season were very satisfactory.—Mrs. Louise Elliott.

CHARLESTON, West Va., May 4th, 1898. Some weeks since, I ordered with a friend some plants from your house and they came in such good order that I feel inclined to send you another order.—Mrs. Maria A. Baines.

CHRYSANTHEMUMS.

Vaughan's Novelty Set for 1899.

Autumn Glory.—There is nothing like it in color, which is a deep reddish-salmon upon opening and gradually changes to a soft, shrimp pink when fully finished. The flowers are of the largest size and take on great depth. This variety has no touch of lavender in its color, but is a decided and new shade that is very beautiful. Each, 25c.

Mrs. Arthur J. Caton.—A large, incurved Japanese. Blooms early in October. Color bright bronze, shaded red on inside of the petals. Foliage of great beauty and carried quite up to the flower. Each, 20c.

Mrs. C. H. Peirce.—A soft, deep yellow that appeals to the eye and at once becomes a favorite. Flowers of the largest size, globular in form, with straight petals curved in at the tips. Model strength of stem, with heavy, beautiful cut foliage up to the flower. Each, 20c.

Wm. H. Chadwick.—The grandest Novelty of the year. An immense, graceful bloom, waxy-white, occasionally tinted pink. Growth, habit, stem and foliage, simply perfect. It cannot be praised too highly. Each, 25c.; per dozen, \$2.50.

Frank Hardy.—Magnificent. Extra large, mid-season white, of foreign origin. Flowers of the largest size, and of perfect, clear form. Petals incurving and gracefully enfolded. Each, 20c.; 3 for 50c.

Defender.—Dark crimson, very bright, and does not show underside of petals which are lighter; mid-season; height, 3½ to 4 feet; terminal buds; good, free, grower; stout stem, and good foliage up to bloom. Each, 20c.

VAUGHAN'S "Novelty Set," the above six, with pamphlet on culture, for \$1.00, by mail, postpaid.

Hardy * Chrysanthemums.

POMPONE AND ANEMONE VARIETIES.

These beautiful Anemone and Pomponé varieties have almost entirely been lost sight of during recent years, but are now again coming to the front, and are certain to become popular for out-door bedding purposes, in fact, when their absolute hardiness is considered, together with the abundant, almost lavish, profusion of blooms from which one may cut continuously. The collection we offer embraces all the leading colors. All the varieties offered are hardy, and with but a slight covering of leaves or coarse stable litter during the winter, will take care of themselves after once planted. Each, 10c.; 3 for 25c.

Canary.—Pale yellow, bushy habit.

Artoni de Noel.—Yellow and bronze.

Martha.—Snow-white, bushy habit.

Daisy.—Single white, with yellow center.

Mispha.—Single, deep pink, very showy.

Mary Stuart.—(Anemone) Pink, center white.

Mrs. Astie.—Deep, golden yellow.

Garza.—White, large anemone center.

Miss May Williamson.—White, ball-shaped.

SPECIAL OFFER, No. 306.—One each of the above nine sorts, for 75c., postpaid.



MRS. H. ROBINSON.



Ostrich Plume Set.

The flowers of this class are large and graceful, having a fine downy appearance, produced by the glandular hairs on the petals. Price, each, 10c.

Enfant des Deux Mondes.—(Child of two worlds.) A creamy white, hairy variety, fine shape and excellent form.

Louis Boehmer.—This is identical with the above variety, but its color is an exquisite shade of silvery pink with deep rose on the inside of petals.

Beaute Lyonnaise.—Red and old gold; incurved; nicely plumed.

OSTRICH PLUME SET, above six 50c., postpaid.

Chrysanthemums for Pot Culture.

The following list is a selection from over 100 sorts, and embraces the best varieties for culture in pots, of dwarf and compact habit.

Glory of the Pacific.—It is of magnificent size and depth, with broad petals, which finely reflex, showing the clear pink color to excellent advantage. Maturing October 8th. Height, 2½ feet.

Mrs. H. Robinson.—The flowers are a perfect white ball of the largest size, incurved, borne on long, stiff stems; dwarf growth; excellent plant for pot culture, coming into bloom Oct. 15th.

Geo. W. Childs.—Deep, rich, velvety crimson, with no shade of brown; a grand red sort.

A. H. Fewkes.—A double, partially incurved Japanese of the largest size; of bright golden yellow, without shading.

Ivory.—The flower is a perfect white ball of good size, incurved, borne upon long stems; especially desirable for amateurs as a grand pot plant.

Mrs. Agnes L. Dalskov.—Pink Ivory; the sensation of the year. A sport from Ivory; identical with its parent, except in color, a beautiful shell pink.

Paul Noisette, or Yellow Ivory.—Seldom grows in height over 18 inches. Flower of medium size and of a rich lemon yellow, slightly hairy.

Constellation.—The nearest to a true pink yet introduced; good sized flowers with straight petals, forming almost a round ball.

VAUGHAN'S "Set for Pot Culture," each, 10c.; the 8 Grand Varieties and Essay on Chrysanthemum Culture for 50c., postpaid.

General Collection.

Price, each, 10c.; 3 for 25c.; 8 for 50c.

Chas. Davis.—Light yellow, tinted apricot.

E. N. Bigelow.—Deep, rich crimson.

Eugene Dailedouze.—Bright golden.

Evangeline.—Pure white, large size.

Golden Wedding.—Japanese. Deep yellow.

Gretchen Buettner.—A grand, pure white.

Joanna.—Bronze and old gold.

Modesto.—Largest size, deep yellow.

Major Bonnaffon.—Light chrome yellow.

Mayflower.—Pure white, of the largest size.

Mrs. Perrin.—Pure rose pink.

Mrs. J. G. Whillden.—Large yellow. Early.

Mrs. Jerome Jones.—Pure white.

Mrs. S. T. Murdock.—Light rose or pink.

Mrs. Martin A. Ryerson.—Large white.

Mrs. J. J. Glessner.—Extra large yellow.

Mrs. W. H. Rand.—Japanese, deep yellow.

Philadelphia.—White, tinted yellow.

The Queen.—A grand, pure white.

Vivland Morel.—Beautiful pink; large.

SPECIAL OFFER No. 304.—One each of the above 20 sorts, for \$1.00, prepaid.

Dahlias.

"Old friends are best," so we find this one becoming again a great favorite everywhere. From the many collections shown at the World's Fair we purchased a good variety, and though the foreign names of our list look very odd, they stand for some of the most showy and beautiful kinds ever seen in America.

We offer dry roots or tubers, but if these become exhausted, we then fill orders with pot plants.

Double Large-Flowering Sorts.

Each, 15c.; 6 for 80c.; doz., \$1.50, postpaid.

Alba Imbricata.—A wonderful, new dwarf Dahlia, 20 inches high, of handsome, bushy habit, flowers very double and of the purest snow-white. On account of the size of the flowers, which are only one-half as large as those of the large-flowering sorts, their snowy whiteness and long and wiry stems, this new Dahlia is splendidly adapted to cut-flower use.

Bookseller Palm.—Four feet. Giant-flowered; pure amaranth; large, cup-shaped petals; extremely fine.

Chris. Ridley.—Large, full flowers, deep maroon, profuse bloomer. Vigorous habit.

Camelliaflora.—Very distinct; unlike any other white Dahlia. Plant a robust grower, with the long-stemmed flowers poised high above it. Flowers pure white, with long-toothed and quilled petals. One of the very best.

Crimson Ball.—Bright crimson purple, of perfect ball shape and always full to the center. The plant is a dwarf, vigorous grower and a constant bloomer.

Chr. Alfred Luorneuse.—Flowers of largest size; compact form; deep violet-pink.

Everista Dubois.—3 feet. Large and compact flowers, of the brightest vermilion.

Floral Park Jewel.—Flowers of many colors, from deep maroon to bluish-white, including beautiful spotted and variegated forms, are produced on the same plant.

Gem.—Three feet. Deep crimson; very double and good bloomer.

Gustav Panzer.—Large flower, deep velvety purple, almost black; 4 feet; grand sort.

Glowing Coal.—3 feet. Large flowers, bright scarlet.

Kaiser Wilhelm.—4 feet. Deep yellow, tip of petals bright red; large, early and free.

Mary Hallock.—Petals beautifully quilled, forming perfect golden yellow flowers.

Miss Thatcher.—The best golden yellow Dahlia in cultivation. The flowers are very large; very full and double.

Princess Bonnie.—A good variety. Flowers largest size, beautiful creamy-white.

Queen Victoria.—3 feet. Pure yellow; very early and very double.

Rudolph Kuhl.—2 feet. Deepest maroon, ends of petals tipped white.

Red Head.—3 feet. A fine self-colored bright red; early and bushy.

Snow Dwarf.—2 feet. Very large, pure white flower; smooth, rounded petals.

Yellow Bird.—4 feet. A very free blooming, clear yellow.

SPECIAL OFFER No. 313.—One each of the above 20 Dahlias for \$2.00, by express.

CACTUS DAHLIAS.

Each, 15c.; the six below for 70c., postpaid.

Bonnard's Yellow.—4 feet. Extra large flowers, of deep yellow; one of the earliest bloomers, long stems, fine for cutting.

Empress of India.—An intense, deep crimson; one of the finest of the cactus type.

Henry Patrick.—Very large, pure white flowers; thick wide petals. Extra fine.

Nymphæa.—By far the most distinct of all Dahlias. Petals broad, somewhat incurved.

The color is a very light pink, giving the flower the appearance of a full-blown rose. Lasts several days and has a sweet, delicate fragrance. A most prolific bloomer, bearing flowers on long stems. Just what you want for bouquets or decorations.

Snowfleck.—Dwarf. Flowers large, with wide, flat, graceful petals. Color a fiery scarlet, sometimes having two or more petals, pure white. Very striking and handsome.

Wm. Pearce.—A true butter-yellow color. A most prolific bloomer, as many as 300 flowers having been counted on a single plant.

POMPONE DAHLIAS.

Each, 15c.; 3 for 40c. Set of 5 for 60c., postpaid.

Hedwig Von Pollnitz.—2 feet. Deep orange-scarlet; medium size.

Kate Haslem.—3 feet. Clear pink; a ball-like flower; first-class bloomer.

Orange Aster.—3 feet. Cinnabar-red; slight shading flesh pink; free bloomer.

Schneezwergaster.—Dwarf. One of the finest large sized white flowers; very double and a prolific bloomer.

Zeus.—Dwarf. Flowers medium size, light lemon-yellow, ends of petals a deep pink. A great bloomer.

SINGLE DAHLIAS.

Each, 15c.; the 3 below for 40c., postpaid.

Colibri.—Large flowers, fiery scarlet with yellow center; dwarf, bushy grower.

Long Island.—4 feet. Flowers bright crimson, with a yellow center. Very showy.

Paragon.—Flowers of large size; deep velvety crimson, with yellow center.

Star Collection of Dahlias.

One each of the following 8 kinds by mail for \$1.00.

Pres. Felix Faure. CACTUS.—Broad, thick petals; color deep, purplish velvety-crimson. Very large borne on long stems. Extra fine.

Imperator.—A new cactus Dahlia, with long twisted petals; color deep crimson. Dwarf, bushy grower; early and profuse bloomer. One of the best.

H. Sherber.—One of the finest; color salmon, large flowers, dwarf.

Mandarin. SHOW.—Very large, full flowers, of a pale sulphur yellow; heavily streaked with scarlet. Very pretty.

A. D. Livoni.—4 feet. This is the most lovely form of any pink Dahlia, petals beautifully quilled; double to the center; an early and profuse bloomer.

Empress Augusta Victoria.—(Cactus.) Extra large, pure white flowers; wide, thick petals. Dwarf grower, an early and profuse bloomer.

Princess Charlotte Myatts. SHOW.—Extra large double flowers, very striking and beautiful. Color purple, marked violet and white.

Lyndhurst. CACTUS.—Large flowers of a fiery scarlet, shaded crimson, distinct in color from all others. Excellent for cutting.

Each, 20c.; or the 8 sorts for \$1.00, postpaid.





BOSTON FERN.

FERNS.

Adiantum Farleyense.—Finest of Maiden Hair varieties. Each, 25c.

Boston Fern.—Long, graceful fronds, eighteen to twenty inches; hardy; increases rapidly; you can soon "give a slip" to ten friends. Each, 20c.

Pteris Tremula.—(SHAKING FERN.) Very pretty and graceful. 10c.

Cretica Albo-Lineata.—Pretty and useful variegated variety. 15c.

Pteris Serrulata.—A useful basket variety of graceful habit. 10c.

Adiantum Capillus Veneris.—(MAIDENHAIR FERN.) A very graceful plant and easily grown. 10c.

Onychium Japonicum.—A most desirable species, with very finely divided pinnae; excellent for table decoration or exhibition purposes. 15c.

Pteris Serrulata Cristata.—A pretty crested Fern. Each, 10c.

SPECIAL OFFER No. 324.—1 each of above 8 choice Ferns for \$1.00, postpaid.

GLECHOMA Hederacea Variegata.—(VARIEGATED GROUND IVY.) Prettily marked with pure white on bright green ground; perfectly hardy and well adapted to covering graves, etc. Each, 10c.; 3 for 25c.

GREVILLEA Robusta.—SILK OAK. A very beautiful shrubby plant with fern-like foliage and rich, golden-yellow trusses of flowers; grows rapidly from seed, soon forming fine plants. Plants, each, 15c. Seed, per pkt., 10c.

HYDRANGEAS.

Otakas.—Deep, rosy pink; vigorous grower; nearly hardy; strong plants. Price, each, 10c.

Schlegel's Red Branched. The new growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses. Each, 15c.

Thos. Hogg.—A pure white variety with trusses of flowers fifteen inches in diameter. Each, 10c.

The 3 kinds for 30 cents.

HELIOTROPES.

Czar.—A very dwarf-growing variety with black stems and enormous panicles of dark, velvety violet bloom; very rich in color and of the "Giant type."

Czarina.—A fine companion for the above; a little taller grower. Deep indigo-blue, with white eye; enormous trusses of the "Giant type."

White Lady.—The best of the very light varieties.

Price, each, 10c.; 3 for 25c.

CHINESE HIBISCUS.

Mineatus.—As gorgeous and fine as the best Paeony and fully as large; very double vermilion scarlet flowers.

Versicolor.—Large flowers, striped crimson; rose and white.

Collerii.—Flowers buff yellow, with a crimson scarlet base; peculiarly handsome.

Each, 10c.; the 3 sorts for 25c.

BRIDAL MYRTLE.—This old-time favorite is again coming into favor, and should be in every window. When grown in pots it makes a beautiful pyramidal-shaped tree; strong plants. 10c.



FARFUGIUM GRANDE.

The leaves become immense; clear, bright green, blotched with golden-yellow, fine flowers. We recommend it as a room plant. Each, 25c.

FICUS ELASTICA. India Rubber Tree.

The large, shining green leaves endure the dry air of a living room as well or better than any other plant. This is why everybody likes it. Our plants are very choice. Plants 1 foot high, each, 60c.; 18 inches high, \$1.00; 2 feet high, \$1.35; 2½ feet high, \$1.70; 3 feet high, \$2.25.

Price on Rubbers are by express only.



NEW PETUNIA, MRS. F. SANDER.

New Petunia, MRS. F. SANDER.

The handsomest of all double Petunias; of the most charming pink color imaginable and producing with the utmost freedom its frilled, globular blossoms. It is the acme of perfection, both in shape, color, habit and frilling; quite unlike and much superior to any other kind. Each petal is beautifully fringed and deeply cleft. Each, 15c.; 2 for 25c.

PETUNIA, Finest Double Sorts.—Propagated from cuttings; white, pink, crimson and variegated. Each, 10c.; 3 for 25c.; doz., \$1.00.

JASMINE Grand Duke.—Double white flowers. Each, 20c.

Night Scented.—White flowers in clusters. Each, 15c.

IVY.—German and English. Each, 10c.; 3 for 25c.

IMPATIENS SULTANI.—Each, 10c.; 3 for 25c.

MOON FLOWERS.

Grow and bloom well with everyone. If planted out in rich ground, where they have full exposure to the sun, they will attain a height of forty feet by October 15, blooming all Summer.

Noctiflora.—Flowers six inches in diameter, pure white, with a five-pointed star in the center.

Leari.—Flowers deep azure-blue, four inches in diameter; a charming contrast to the preceding; a free-bloomer; grows about twenty-five feet in one season. A most attractive climber.

Each, 15c.; the 2 for 25c.; large plants, 25c.

MUSA ENSETE.—(ABYSSINIAN BANANA.) A grand lawn plant of easiest cultivation in the open ground in Summer or for the conservatory in Winter.

Plants about 12 in. high, 35c.; plants 20 to 28 in. high, each, \$1.00, by express.

OTAHEITE, The Dwarf Orange Tree

A most attractive and interesting plant ornament for window or conservatory. They will bloom and fruit when the plants are surprisingly small. The flowers are delightfully fragrant. 25c.

SALVIA, Clara Bedman.—The best of all dwarf Salvias and remarkably free-flowering. Constantly covered with long spikes of brilliant scarlet flowers. Each, 10c.; 3 for 25c.

PARIS DAISY, (Marguerite.)

Queen of the Belgians.—A most beautiful plant; always in bloom; flowers a splendid golden-yellow. 10c.

Paris Daisy.—(MARGUERITE.) Each, 10c. One each of the 2 for 15c.

PANSY PLANTS.

Grown from seed of our Prize Medal International Strain. There are no better Pansies. They should always be sent by express.

Doz., (not prepaid) 60c.; 25 for \$1.00; 50 for \$1.75; 100 for \$3.50.



Marenga.

It is of neat, compact growth and very symmetrical. The habit is vigorous, with large, healthy leaves; corolla dark amaranth red, single; sepals carmine.

Each, 10c.; 1 each of above 3 Fuchsias for 25c.

FUCHSIAS.

Trailing Queen.

Flowers are in large, drooping clusters; tube and sepals bright rosy scarlet; corolla, when it first opens, deep, rich, violet-purple, changing to crimson.

Gloire des Marches.

The finest of all double white Fuchsias. Remarkably free-flowering, strong grower, forming compact, shapely plants in small pots.



PANSY PLANT.

Bedding Geraniums.

Price, each, except noted, 10c.; doz., \$1.00, postpaid.

GRAND OFFER No. 326.

For \$1.00 we will send any 14 Geraniums selected from this page, postpaid.



Madam Bruant.—New fancy flowered. A grand, single variety, wholly distinct from any other in cultivation. Color of flower, white; veined with carmine-lake, florets regularly bordered with bright solferino, often intermingling and producing a striped effect; the trusses are large and beautifully formed. The plant is a good healthy grower and very free flowering.



Mad. Jaulin.—This is an entirely distinct color in the Bruant, or bedding type. Very large florets compose a truss of grand size; center of flower very delicate pink, bordered with pure white. For freshness and beauty this bedding sort is unrivaled.



Mars.—New. A superb bedding and pot Geranium. It is of dwarf and compact habit and a profuse bloomer, producing a quantity of flowers completely hiding the foliage, which is of a deep green color, with dark bronze zone. Flowers are single; color a deep salmon-rose at the center, changing to white on the edge, forming compact flower heads.



Triomphe de Nancy.—New. Flowers semi-double, carmine-red, with white markings very peculiarly arranged; an entirely novel variety, with large trusses of immense florets. No other double variety has ever shown white markings similarly distributed.



Mad. Geuvellet.—The best semi-double pink; excellent for Winter and early flowering in pots. Color dense salmon-pink. Trusses very large, from 5 to 6 inches in diameter and held well above the foliage on strong stems. An exceptional profuse bloomer, being literally covered with flowers the whole season. Habit, semi-dwarf and compact.

Price of above 5 Geraniums, each, 15c.

SPECIAL OFFER No. 325, the 5 for 60c.

Athlete.—Immense trusses of largest, round, single flowers; vivid scarlet.

Alphonse Chardin.—Double; enormous trusses, beautiful new color nankin-rose with darker veins; plant of splendid habit, novel and distinct.

Beaute Poitevine.—Bruant, semi-double type. Immense sized flowers and trusses; beautiful shade of brilliant salmon, shaded with apricot; a very free bloomer and as a bedding variety has no equal.

Camille Bernardin.—Single; very large trusses, free-flowering habit; rosy-peach, veined with bright rose; streaked and marbled with pure white; Miranda type.

Double Guinea.—The nearest approach to a yellow Geranium. What do you say to a very bright orange color? Florets and trusses very large.

Dr. Levassieur.—Single, fancy variety; wonderfully effective; peculiarly blotched and shaded; the three lower petals are orange-cherry, marked with lilac.

Docteur Dujardin-Beaumetz.—Double; a robust, free-flowering variety, with brilliant scarlet flowers; a magnificent variety for massing.

Edward Danglede.—Very free-flowering, large, semi-double florets; beautiful magenta color; base of upper petals marked orange.

Electric.—Single; very large; brilliant scarlet, with white eye; free bloomer.

Fleur Poitevine.—Another distinct colored variety. Large, single flowers; color, brilliant, rosy-carmine, marbled and striped with pure white, producing aureole of deep orange-carmine at center; dwarf; free-flowering. 15c.

Gettysburg.—Single; bright crimson, like that famous battlefield; flower very large and of fine form.

Gen. Sherman.—This is the red-red, single Geranium; just what you want for a vivid patch of color on the lawn. Dwarf grower, holding a big bunch of bloom well above the foliage; even a small bed is so bright it can be seen a mile away.

Hedwig Buchner.—The purest of the double whites. A free bloomer of dwarf, bushy habit; throwing its large flower trusses well above the foliage and blooms all summer.

H. Dauthenay.—Bruant. Single. Extremely free-flowering; trusses of immense size, color coppery orange-red with white eye.

Heteranthe.—Semi-double; soft scarlet; a fine bedder.

J. D. Cabos.—Bruant; single. Plant dwarf and free, bearing large trusses of flowers of a novel and pleasing color in this type; color very soft pink.

J. Ricaud.—Free-flowering, double variety, with enormous sized trusses; flowers purplish crimson of a very intense shade; center marked distinct white.

J. Sallier.—Edges of petals carmine-lake, single; the center is washed in tints of rose and bluish heliotrope color. 15c.

J. J. Harrison.—The best semi-double scarlet Geranium of any type ever produced; exceptionally large. Plant of vigorous growth and free blooming, the color is an admirable vivid scarlet. Each, 15c.

L'Aube.—Enormous trusses, large, round florets, pure snow-white, in freedom of bloom resembles the excellent double white variety, La Favorite.

Mrs. Hill.—Single. Florets $2\frac{1}{2} \times 2$ inches. The center of each petal is a soft light salmon, bordered with rosy-salmon and veined deep rose. Frequently shows six petals, resembles a rare Begonia bloom more than a Geranium.

Meteor.—Immense trusses of extra large flowers, blooming all summer in the most profuse manner. The flowers are the color of the Meteor Rose, rich; dark, velvety crimson. 15c.

Mad. Hoste.—Single; soft, rosy-scarlet, with large white eye, very large, circular florets, forming a good truss. Very striking. 15c.

Mrs. A. Blanc.—Bruant; the best bedder in the single salmon section. Immense trusses of large flowers; reddish-apricot.

Pres. Victor Dubois.—Immense trusses of extra large, semi-double flowers; long, stout stalks; bright magenta-rose. 15c.

Pres. Leon Picas.—Dwarf, vigorous growing, double variety, abundant bloomer; bright ruby-red, spotted and shaded dark violet. 15c.

Queen of the West.—Single. This grand scarlet is truly a queen.

S. A. Nutt.—Double; rich dark crimson; the flowers are of perfect shape, large size; trusses massive and in great numbers; close, compact.

W. P. Simmons.—The most valuable dark-colored double; dark red, with orange shading.

VARIEGATED-LEAVED GERANIUMS.

Mrs. Parker.—Foliage deep green, with broad, pure, snow-white band. Most free-flowering of all its class; flowers double, of an exquisite shade of deep, rosy-pink. Each, 15c.

Chieftain.—A golden center with a bronze border. Each, 10c.

Happy Thought.—Green leaves, large yellow center. 10c.

Mad. Sallerol.—Small, green leaves, tinted with white. 10c.

Mrs. Pollock.—(GOLDEN TRICOLOR.) Bronze-scarlet zone. 15c.

Mountain of Snow.—Best of the silver-edge sorts. 10c.

VARIEGATED GERANIUM SET.—The above 6, 50c., postpaid.

IVY-LEAVED GERANIUMS.

Each, 10c.; the 6 for 50c. postpaid.

Souv. de Chas. Turner.—Light scarlet, soft rose tint.

Beauty of Jersey.—Scarlet, very bright and double.

Galilee.—Rose pink, veined with violet; habit creeping.

Joan of Arc.—The only double white Ivy Geranium.

P. Crozy.—Soft, bright scarlet, with veinings of crimson.

Prince Albert.—Beautiful green foliage, with a creamy white band, sometimes changing to pink; flowers single, pink.

AROMATIC SCENTED GERANIUMS.

Apple-Scented.—Very fragrant.

Rose-Scented.—(DR. LIVINGSTON.) Leaves finely cut and fragrant; called "Skeleton Leaf" Geranium.

Rose-Scented.—Large foliage.

SCENTED GERANIUM SET.—The above 3 for 25c., postpaid.



DOUBLE NEW LIFE GERANIUM.

DOUBLE
"NEW LIFE" GERANIUM.

The sensation which the Single New Life Geranium created when introduced into England is well remembered. THE DOUBLE NEW LIFE, as may be judged from our illustration, is a much greater sensational departure in every way. The outer florets are brilliant red; in the center of these appears another semi-double floret, pure white in color, effecting a very charming contrast, difficult to realize unless seen; and having the appearance of being produced artificially. Each, 15c.; 4 for 50c.



COCOS WEDDELIANA.

* COCOS WEDDELIANA. *

The most elegant and graceful of all the smaller Palms. Its slender erect stems are freely furnished with its graceful arching leaves, made up of innumerable long, narrow pinnae, or segments, of a rich, green color. The Cocos are admirable for fern dishes, as they are of slow growth and maintain their beauty for a long time. (See cut.)

- Plants 6 inches high, each, 25c.
 " 10 inches high, each, 50c.
 " 14 inches high, each, 75c.

* ARECA LUTESCENS. *

One of the most valuable Palms. Leaves long and pinnate, the divisions very numerous, dark, glossy-green leaves, with golden stems.

- Plants, 10 inches high, each, 25c.
 " 15 inches high, each, 50c.
 " 2 feet high, \$1.50, by express.

SPECIAL OFFER No. 319.—One Areca Lutescens, one Pandanus Utilis, one Latania Borbonica and one Phoenix Reclinata for 75c., postpaid.



LATANIA BORBONICA.

LATANIA BORBONICA.

Of easy culture and rapid growth. Large, broad, fan-shaped, glossy, dark green leaves. 10 inches high, each, 25c.; 15 inches high, 50c.; 20 inches high, \$1.00, by express.



KENTIA PALM.

KENTIA BELMOREANA.

All the Kentias are free from disease. Beautifully curved and reflexed leaves, deep green foliage, strong grower.

- Plants, 10 inches high, each, 50c.
 " 15 inches high, each, 75c.
 " 2 feet high, \$2.00, by express.

Kentia Fosteriana.—Similar to preceding, but taller and more robust.

- Plants, 12 inches high, each, 50c.
 " 18 inches high, each, 75c.
 " 2 feet high, \$2.00, by express.

Livistonia Rotundifolia.—A new and beautiful fan-shaped Palm of dwarf and bushy habit. The best plant for a jardiniere. Clean, neat, healthy foliage, nice plants. Each, 50c.; larger size, 15 in. high, \$2.00, by express.

Phoenix Reclinata.—A graceful and exceedingly ornamental Palm.

- Each, 20c.; 18 to 20 inches high, each, \$1.00, by express.

Pandanus Veitchii.—Same habit and growth as Pandanus Utilis, except leaves are beautifully striped white and green.

- Each, 50c.; large size, \$1.00.

Pandanus Utilis.—(SCREW PALM.) A most valuable decorative plant from the East Indies, also one of our most useful ornamental plants, both for in and out-door culture. Each, 25c.; large plants, 15 inches high, \$1.00.

PRIMULA OBCONICA.

This is one of the most useful flowering plants always completely covered with flowers, which are of a soft lilac shade and very charming. One of the most useful Primulas for pot culture, and also succeeds well in the open border during the summer months. Each, 15c.; 2 for 25c.

Pelargonium. Lady Washington Geranium. . . .

Grand old favorites; showiest masses of bloom produced of any soft-wooded plants that we have. This class is well known to all our readers, but the new varieties are as much in advance of older kinds as those were over the earliest sorts.

Champion. (New.)—Fine, large flowers, bluish-white with maroon-crimson blotch on upper petals; small, lake spots in lower. Splendid habit, making dense, bushy plants smothered with bloom; the finest of all the spotted varieties. Each, 35c.

Edward Perkins. (New.)—Grand, bright orange scarlet, dark maroon blotch on upper petals, beautifully fringed and undulated, good habit and very early and free flowering. Each, 25c.

Mrs. Robert Sandiford.—Flowers large size, well doubled, beautifully ruffled and of glistening snow-white color. Each, 25c.

Madame Thibaut.—White, richly blotched and marbled with rose, immense trusses of large, fine flowers, with undulated petals. Each, 25c.

THE 4 PELARGONIUMS FOR \$1.00.

GRAND NEW VIOLET "LA FRANCE."

Of the many new violets introduced in the past few years this, the latest introduction of a foremost French specialist, is unquestionably the best. It has been thoroughly tested and pronounced perfect. Is of hardy, vigorous growth and wonderfully free-blooming. Stems ten to twelve inches long. Large, heavy foliage. The grand, single flowers are of a rich violet purple, lighter center, petals opening out flat. Almost as large as Pansies and deliciously fragrant. Each, 20c.; 3 for 50c.

Princess of Wales. Another grand new Violet. Large, single flowers of a true blue. Strong, stiff stems; fine for cutting. Intensely fragrant. 15c.; 2 for 25c.

The California Violet Plant vigorous and absolutely free from disease. Flowers single, immense in size, covering a silver dollar; color violet-purple, does not fade; fragrance intense, flowers borne on strong stems ten to twelve inches in length. Each, 15c.; 2 for 25c.

Double Russian. Hardy and very productive. Flowers are of a very deep shade of blue and one or two petals in each are dotted with red; very fragrant. 15c.; 2 for 25c.

Lady Hume Campbell. A grand variety for house culture. Planted in the garden, it is hardy if slightly protected. Perfectly double flowers, sky-blue and of unexcelled fragrance. Each, 10c.; 3 for 25c.

Swanley White. Large, double, pure white flowers. 10c.

Marie Louise. Deep blue, large double flowers. 10c.

SPECIAL VIOLET COLLECTION.—1 plant each of above seven kinds for 70c.



PRIMULA OBCONICA.

ROSE GROWING AT WESTERN SPRINGS

Is solely for the production of young plants. We do not grow cut flowers. The best, healthy wood is used for propagation and not exhausted in bearing flowers. Our heavy soil is exactly adapted for rose growing, besides it holds the roots in fresh and natural condition for shipping. Our plants carry safely to southern California, Oregon or Maine.

With Special Fast Mail Service in every direction from Chicago, our Mail and Express packages of all greenhouse plants are much more satisfactorily handled **THAN FROM CITIES LESS CENTRALLY LOCATED.** We guarantee arrival in satisfactory condition of all our greenhouse shipments.

Roses by Mail.—Unpack immediately. Do not expose roots, but place at once in a shallow dish of tepid water. Toward evening carefully plant in good, mellow soil, *thoroughly firming* the moist earth around the roots. Shade from the mid day sun just after planting.

Roses by Express.—Are usually packed with all or part of the earth adhering to each plant; they *invariably arrive in good order.* If the balls of earth are dry, hold carefully in a pail of water for a moment, then plant, firming the soil thoroughly around the balls. Shade is not necessary.

We were awarded a Gold Medal for our Roses, Cannas and Pansies at the Omaha Exposition last year.

LA FRANCE SET. Each, 15c., or La France Set of 4 for 50c.

The delightful La France fragrance, by which every one of the four splendid roses may be known, is appreciated by everyone who grows or wears a rose. The La France type is the nearest to perfection of all roses and you will be delighted with this lovely rose in four colors.

Striped La France.—(*Madame Vredenburg.*) Creamy pink, with a silvery gloss, growing deeper at base of petals, streaked with carmine, elegantly shaped, *La France* bud, has the true and same beautiful full-blown flower, and even stronger growth. Free bloomer; each shoot produces a bud.

White La France.—(*Augustine Guinnoisseau.*) A beauty, indeed, identical with *La France*, except the color. It is pearly white, sometimes tinted with fawn.

Pink La France.—Undoubtedly the most perfect type of a cutflower rose. No variety surpasses it in delicate coloring—silvery rose, with a satiny sheen over all its petals. Flower large, with the well-known fragrance.

Red La France.—(*Duchess of Albany.*) The flowers are darker than *La France*, of a deeper pink, very large and full; perfumed and of best quality in every respect.

2 year old plants, each, 30c.; or the set of 4 for \$1.00; by express only.

STANDARD COLLECTION OF EVER-BLOOMING ROSES.—One each of 11 sorts for 80c., postpaid.

Princess Bonnie (Hybrid Tea.)

The color of the outside petals is as brilliant as a "Jack," while the inner side of the center ones is streaked with white, which at their base becomes more general. For continuity of bloom and vigorous, healthy growth, whether planted indoors or in open ground, it even surpasses a Geranium. Has a delicate refined scent, which would entitle it to a place among the Roses of distinction. Each, 15c.; 3 for 40c.

Champion of the World.—A remarkable sort which combines the most desirable qualities. It has stood the severe winters of Vermont in the open ground without the slightest protection. It is a perpetual bloomer summer and winter. The flowers, which are produced in the greatest profusion, are perfectly double and of perfect shape. They are of a deep, rosy pink and delightfully fragrant. Fine plants, each, 15c.; 3 for 40c.

Marion Dingee.—An elegant Rose, very large and double; it is deep, brilliant crimson, one of the darkest, if not the very darkest, Tea Rose in existence. 15c.

Madame Hoste.—This is unquestionably the Rose par excellence, the bud being long and pointed; lovely creamy white. Strong, sturdy grower and a good bloomer.

Grace Darling.—Strong, vigorous grower; color, porcelain rose, elegantly shaded with vinous crimson; a decided color, but never quite obscuring the ground of beautiful yellow upon which it rests. Very sweet.

Hermosa.—A very beautiful Rose and always in bloom. The flower is cupped, finely formed and full; color, a pleasing shade of pink.

Marie Guillot.—Perfection in form; flowers large and double to center; holds first rank among White Tea Roses in purity of color and depth of petals. Best Tea Rose for outdoor bedding.

Etoile de Lyon.—Flower very large and double and deliciously fragrant; color, chrome yellow, deepening in center to pure golden yellow;

Mme. Joseph Schwartz.—Large, double, deliciously sweet; pure white, tinged yellow. Price, each, 10c., except noted. One each of above 11 sorts, 80c., by mail, postpaid. 2 year old plants of any of above, each, 30c.; set of 11, \$2.75, by express.

CLIMBING TEA AND NOISETTE ROSES.

Marechal Neil. (*Noisette.*) A Rose so famous as to hardly need a description here. The most beautiful large, golden yellow grown; very full and double and exceedingly fragrant. It is a natural climber, and must not be pruned too short. We keep several sizes; the larger sizes give the most satisfactory results. First size plants, 10c.; 3 for 25c.; extra size, 25c., postpaid. Grafted plants, by express, at buyer's expense, large size, 35c.; extra size, 75c.; 3-year plants, 8 to 12 feet long, each, \$2.00.

Solfaterre.—A rich shade of lemon yellow. 10c.

1 each of these 7 Climbing Roses, 70c., postpaid; 2-yr. plants, ea. 35c., by express.

Climbing Niphetos.—It can be trained to walls, rafters, etc., makes long, pointed buds; color, snowy white. 15c.

Wm. Allen Richardson.—Immensely popular on Pacific Coast and wherever known. 10c.

Lamarque.—Large, full flowers, borne in large clusters; pure white and double. A most beautiful Rose.

Climbing Perle.—A vigorous climber, with beautiful, large, golden-yellow flowers. 15c.

Reine Marie Henrietta.—Flower large, full, of fine form, sweet scented; color, a pure cherry red, 15c.



PRINCESS BONNIE.

....12 CHOICE ROSES....

NEW ROSE, RED MARECHAL NEIL.

A cross between General Jacqueminot and Marechal Neil. Flower very large, well shaped, full; form of buds and flowers like the Yellow Neil; color carmine-red, shading to pink; very sweet; most floriferous on the last year's branches; growth very strong, climbing; leaves very large. Received a Gold Medal at the Rose Exhibition in 1897 at Frankfort-on-Main. Each, 15c.; 3 for 40c.

ANTOINE RIVOIRE.

A handsome new Rose of vigorous habit of growth, with large, full, Camellia-shaped flowers. Color rosy-flesh, on a yellow ground, shaded with a border of carmine. Flowers five inches in diameter. A remarkable variety of great worth. Each 15c.; 3 for 40c.

MARCHIONESS OF LORNE.

A remarkably free-flowering variety, with cup-shaped flowers; of an exceedingly rich, rosy color, slightly shaded in the center with vivid carmine. They are large, very sweet and full and in the bud exceedingly handsome. It is a true Perpetual bloomer, every shoot being crowned with a flower bud. Each, 20c.; 3 for 50c.

MAD. CHADEAU RAMEY.

Flowers large and globular; beautifully formed and producing a mass of bloom; the color is beautifully arranged, each petal being a flesh-white inside, while the outside is bright pink; the petals are thick and shell-shaped. One of the freest blooming varieties yet produced.

SOUV. PRESIDENT CARNOT.

A charming new French Rose; one of the most promising new Roses we have had the pleasure of offering in years, and we predict for it a great future. A strong, clean, healthy grower; the flower is of large size, exquisite shape, with heavy, thick, shell-like petals; buds long and pointed, similar to Niphetos, but very much larger and all borne on long, stiff, erect stems. Delicate, rosy flesh, shaded a trifle deeper at center; profuse bloomer.

MAD. DE WATTEVILLE.

A beautiful fancy colored Rose, with elegant feathery shadings of bright rose around the edge of each petal; a strong, vigorous grower, with handsome foliage; color white, shaded with salmon, outer petals feathered with bright rose. Flower large and fragrant.

PAPA GONTIER.—A magnificent Red Tea. A strong grower, with fine, healthy foliage; the buds are large and long, with thick, broad petals of a dark carmine-crimson color, changing to a lighter shade in the open flower. One of the best for out-door planting, opening up its flowers in beautiful shape.

KAISERIN AUGUSTA VICTORIA.—Color soft, pearly white; fragrant; a strong, healthy grower. The habit is free; the perfectly shaped flowers are borne in profusion on long, graceful stems, rendering it valuable for cut flowers; so free that in our grounds every shoot is invariably crowned with a magnificent flower; much the finest of its class and succeeds splendidly out of doors. Each, 15c.; 3 for 40c.

FERDINAND JAMIN.—A strong, vigorous grower and free bloomer of the Hybrid Tea class. Flowers large, full, globular; color rosy-carmine, shaded with salmon.

AMERICAN BEAUTY.

The largest, sweetest and best of all Hardy Roses.

It is a genuine hardy ever-blooming Rose. For immensity in size, rich color, exquisite form and delicious fragrance it stands without an equal. It is a quick and bushy grower and a continuous bloomer; valuable both for house and garden culture; color is a rich crimson; fragrance is wonderfully sweet.

Each, 20c.; 3 for 50c.

Special Offer No. 323.—1 each of above 12 Roses for \$1.25, prepaid.



SOUV. PRESIDENT CARNOT.

BRIDESMAID.—A delightful new Tea Rose, a sport from the old and popular Pink Tea, Catherine Mermet, but of fine, clear, dark pink, much deeper and more constant in color than Mermet. It is now very generally used by the mammoth cut-flower establishments as a substitute for Mermet.

SOUV. DE WOOTTON.—A remarkably brilliant and striking ever-blooming Rose. Bright magenta red, passing at base to fine violet crimson; flowers large, full, very sweet.

Each, 10c.; except noted; 2-year old plants of any sort, each, 40c.

OUR ROSE BED COLLECTION

FOR FIFTY CENTS, PREPAID.

The greatest Bedding Roses in cultivation. They bloom continuously through the entire Summer. Plant a bed of these Roses and you will never have cause to regret it.

Each, 10c.; 3 for 25c.; large 2-year old plants, by express, each, 25c.; the 7 for \$1.50.

CLOTHILDE SOUPERT.

This now famous pot and bedding Rose (*Polyantha Tea*) we imported and introduced in America in 1889. It is a cross of the free-blooming Polyantha Rose and a large-flowering Tea, thus giving it with all the free-blooming of the former the strongest growth of the Tea class. Its charming coloring, shading from pearly white to purest rose, double blossoms, delightful fragrance, wonderful vigor and freedom of bloom combine to make it a most beautiful Rose. We take pride in sending out only selected, strong plants which will be a credit to us as original introducers of this great novelty.

New Yellow Soupert, MOSELLA.

A lovely new addition to the Soupert family. It has the genuine dwarf-growing, free-flowering Soupert habit; produces beautiful clusters of very double, ball-shaped flowers which open like a Camellia. The buds are also very pretty. The color is a white tint on beautiful light yellow ground. A great addition to our Summer Bedding Roses.

THE BRIDE.

This is decidedly the most beautiful white Tea Rose, more of it is grown for cut flowers than all other white Roses combined. The flowers are very large and double, on long, stiff stems, making it one of the best varieties for corsage wear or bouquets. During extremely hot weather it becomes a pinkish white, at other times a pure white.

Our Rose Bed Collection of 7 choice Roses for 50 cents, postpaid, or 6 Collections for \$2.50.

MAMAN COCHET.

A beautiful new Tea Rose. One of the very best and most valuable Roses of recent introduction, especially for out-door blooming, the finest pink garden Rose yet introduced. It is of the *Mermet* or *Bridesmaid* type, makes an enormous growth with rich, healthy foliage and is said to be entirely hardy without protection. The flowers, which are of great size, are produced on long, stout stems, are very double, extra large and full. Both buds and half-expanded flowers are simply exquisite in graceful form and beautiful coloring, which is bright rose, with shading of yellow in the center. It possesses the true tea fragrance and the flowers are very freely produced.

PINK SOUPERT.

We find this bright new Rose a very free-flowering variety, much resembling *Hermosa*, but more double and flowering more freely. The habit of the plant is almost identical with *C. Soupert*; a rapid grower and quick to bloom.

METEOR.

A rich, dark, velvety crimson ever-blooming Rose; the flowers are of good size, very double and perfect in shape.

SAFRANO.

Bright apricot-yellow; best known Tea bud; good bedder.



CLOTHILDE SOUPERT.

HARDY CLIMBING ROSES

CRIMSON RAMBLER.

We consider this the most wonderful of all the new Roses. We have had this Summer branches seven feet long, loaded down with large clusters of these brilliant red Roses. One would hardly believe it possible that so many could be produced on one shoot. A superb climber; cannot be excelled, while it is also magnificent in bush, form. One of the striking characteristics of this Rose is its remarkable color, which is of the brightest crimson and remains so to the end. The flowers with which the plant is covered are produced in large trusses of pyramidal form, carrying thirty to forty flowers, which remain on the plant a long time. The foliage is bright green and glossy and contrasts finely with the bright crimson of the Rose. The plant seems to be as hardy as the old Prairie Queen. Every garden should contain this grand Rose.

YELLOW RAMBLER (Aglaia.)

The flowers are borne in immense clusters, after the same manner as the Crimson Rambler, often as many as 150 blossoms in a bunch, and the trusses have the same handsome pyramidal shape as those of the Crimson Rambler. The color is a decided yellow.

WHITE RAMBLER, (Thalia.)

Of German origin and in habit of growth, foliage, manner of blooming, form of flowers and hardness it is said to be identical with Crimson Rambler; of which it is a blood relative, but that the flowers are pure white and sweetly scented. The flowers "remain on the bush three to five weeks; beautiful to behold."

PINK RAMBLER, (Euphrosyne.)

Originated by the same nurseryman who produced White Rambler and is of the same blood. What is said of White Rambler applies equally to this, except the color of the flowers is pink.

Price: Strong - growing plants, from 2½-inch pots, each, 15c.; club of 6 for 75c., postpaid. Dormant plants, 1-year, each, 35c.; 3 for 90c., postpaid. Large dormant plants by express, (this is the best size to give you good satisfaction) each, 50c.; 3 for \$1.25; 6 for \$2.50.

SPECIAL OFFER No. 314.

For 50 cents we will send a strong plant from 2½-inch pots of each of the four Rambler Roses described above, by mail, postpaid.

Everblooming Hardy Climber Mary Washington

This beautiful Climbing Rose has been secured from the Washington estate at Mt. Vernon. It is a remarkably free bloomer, commencing to bloom when the plants are very small and continuing throughout the season. The flowers are pure white, quite double and fragrant, blooming in clusters and very profusely; is hardy with slight protection. Each, 10c.; 6 for 50c.; 2-year old field plants, each, 35c.; 3 for \$1.00, postpaid.

EMPRESS OF CHINA.

This remarkable new variety from China commences to flower early in Summer and from that time until late in the Fall blooms continuously. It is entirely hardy. Small pot plants will make a growth of six to eight feet in a single season. The flowers are of medium size and fragrant; the color is a soft, dark red; looks like an apple blossom. It is surely the Rose for amateurs, as it needs but slight attention and no protection. Each, 15c.; 3 for 40c.; large plants, each, 25c.

THE CHEROKEE ROSE.

A strong, erect-growing shrub, with deep, glossy green leaves and bearing large, pure white roses in great profusion; very beautiful and wax-like. It is much esteemed in many parts of the West and Southwest, where it is extensively used for hedges, etc. Requires protection in Winter north of Washington, D. C. Each, 15c.; 3 for 40c.

THE DAWSON ROSE.

A new Hybrid Rose of perfect hardihood, the result of a cross between Rosa Multiflora and the General Jacqueminot. It possesses the trailing habit of the Multiflora Rose, especially adapting it to cover trellises, etc. The flowers are semidouble and of a clear rose color. Each, 15c.; 2-year old plants, each, 40c.

Special Offer No. 315. 1 each of above 8 Hardy Climbing Roses \$1.00, prepaid.

The habit of these Roses is the same as the Wichuraiana Rose. The growth is creeping and they can be used to cover graves, stems of trees, trellises and for any other similar purpose. They are very hardy and will stand any climate or exposure. They thrive well in the poorest soil or on a gravel bank.

Triumph.—This grand Rose is of free growth, luxuriant foliage and produces large clusters of double, pure white flowers two inches in diameter, beautifully imbricated and well-formed; very sweet-scented.

Universal Favorite.—The double flowers are over two inches in diameter and of a beautiful rose color, similar to the Bridesmaid and deliciously fragrant. A grand variety for any purpose.

Pink Roamer.—The single flowers, which are produced in close heads, are nearly two inches in diameter, bright, rich pink with almost a white center, which lightens up the orange-red stamens, producing an effect, when combined with fragrance, makes it one of the most valuable Roses in cultivation.

SPECIAL OFFER No. 317. One each of the above Five Memorial Roses for 65c. postpaid.



...New... Climbing Half-Hardy Roses.

New Climbing Rose MRS. ROBT. PEARY.

This is by all odds the most remarkable new Rose of recent introduction. It is an offspring of that grand variety, Kaiserin Augusta Victoria. The flowers are extra large, full, deep and double. They are of excellent substance and produced on long, stiff stems, like a forcing Rose. The buds are long and pointed, a remarkable feature not found in any other Climbing Rose. The fragrance is delicious. The most remarkable feature of this variety, however, is that it blooms continuously the first year. It grows to perfection out-doors, throwing up numerous shoots ten to fifteen feet high in a single season. Each, 25c.; 3 for 50c.

CLIMBING METEOR.

This new Rose might be called a "Perpetual-Blooming Climbing Jacqueminot." Though a sport from Meteor it is much larger and of a deeper, richer color. It is a Rose which will make ten to fifteen feet of growth in a single season and blooms almost constantly. Buds exquisite, flowers large, beautifully shaped and of that rich, dark, velvety crimson color seen only in the Jacqueminot. Strong, well-rooted plants, each, 15c.; 4 for 50c.; 2-year old plants, each, 40c., by express.

CLIMBING LA FRANCE.

It retains the charming pink peach color and exquisite fragrance of its parent, La France, added to this its remarkably strong, vigorous growth makes it the most desirable pink Climbing Rose. As hardy as La France. Each, 15c.; 3 for 40c.; large plants, each, 40c.

CLIMBING WHITE PET.

Its vigor is nothing short of remarkable; young plants will, the first year, under ordinary cultivation, make numerous shoots twelve to 16 feet in length. No other Rose will begin to equal this wonderful growth, save perhaps Climbing Meteor. The flowers are pure, snowy white, of medium size, very double and full and are borne continuously throughout the season in trusses, after the fashion of Crimson Rambler. Each, 15c.; 4 for 50c.

CLIMBING SOUV. DE WOOTEN.

A sport from the famous Rose Souv. de Wooten; a strong, rampant climber, growing in one season to a height of ten to fifteen feet, superbly formed flowers, bright magenta red, passing to violet-crimson, richly shaded; thick, leathery petals and deliciously tea scented. As an out-door Climbing Rose it will take a front rank. Each, 15c.; 4 for 50c.; 2-year old plants, each, 30c.

SPECIAL OFFER No. 316.—One each of above New Climbing Roses for 75c., prepaid.

NEW HARDY MEMORIAL ROSES.

Price, each, 15c.; 3 for 40c.

2-year old plants, each, 40c.; 3 for \$1.00, by express.

ROSA WICHURAIANA, Called HARDY MEMORIAL ROSE.

This hardy and lasting Rose creeps over the ground like Ivy. The leaves are glossy, dark green. The flowers, which are borne very profusely during July, are large, pure white, single, with yellow center and have a strong Wild Rose fragrance. It is one of the best plants for rock work, embankments, slopes, cemeteries, as well as for garden cultivation. Shows a growth of ten to twelve feet in a season, spreading as it goes.

South Orange Perfection.—Produces multitudes of the most perfectly formed double flowers; color soft blush pink at the tips, changing to white. It lasts a long time in perfection.

CRIMSON RAMBLER ROSE.

General Collection of **Ever-Blooming Roses.**

For the Convenience of Our Customers, we have subdivided the Collection into Four Leading Groups of Shades of Color.



SHADES OF WHITE.



Cornelia Cook.—Pure, creamy white; magnificent buds of immense size.

Caroline Marniesse.—Medium size, double flowers, borne in clusters. Pure white, tinged pink.

Elisa.—Long, pointed buds; pure white, tinged yellow.

Golden Gate.—Long, pointed buds of creamy white, beautifully tinted with rose.

Little Pet.—(FAIRY ROSE) Small, pure white flowers, tinged with rose.

Marie Lambert.—A strong, vigorous grower, with small, pure white flowers; has been called White Hermosa; blooms all summer.

Niphetos.—An elegant Tea Rose, very large and double, deliciously sweet; color pure white, highly valued for its very large and pointed buds.

Sen. McNaughton.—The White Pearl of the Garden; extra fine for out-door use.

The Queen.—A pure white Rose; of elegant shape and very large size. A vigorous, healthy grower, and continuous bloomer.

White Bon Silene.—Exact counterpart of that charming old variety, Bon Silene, except in color, which is pure creamy white.

SHADES OF YELLOW AND BUFF.

Cloth of Gold.—Deep yellow; large, full flowers; a grand rose.

Dr. Grill.—Copper yellow, shading to rose. Very distinct.

Francisca Krueger.—One of the best for open ground culture; especially adapted to beds or masses; the flowers are shaded coppery yellow.

Gloire de Dijon.—A combination of yellow, salmon and rose. Very large.

Isabella Sprunt.—Bright canary yellow; extra good.

Mad. Pernet Ducher.—Sulphur yellow; deepening toward the center.

Primrose Dame.—Produces medium sized flowers in the greatest abundance; color, pale yellow, with center of rosy apricot.

Perle d'Or.—(POLYANTHA) Color, coppery gold, changing to salmon.

Sunset.—Rich amber or old gold; one of the best for open ground.

SHADES OF PINK AND VARIEGATED.

American Perfection.—Large, full flowers of deep pink; grand summer bloomer.

Bon Silene.—Elegant Summer Rose; color, deep rosy pink; strong tea-rose fragrance.

Climbing Capt. Christy.—Rapid climber; large, full flowers of a clear pink.

Catherine Mermet.—Clear, shining pink; one of the finest varieties; strong, healthy grower and good bloomer.

Duchess de Brabant.—Flowers large, full, very sweet; flesh pink.

Ernest Metz.—Buds long and pointed; color carmine rose.

Mad. de Watteville.—A beautiful fancy colored Rose. Color white, shaded with salmon, outer petals feathered with bright rose; large and fragrant.

Mignonette.—Color clear pink; an immense bloom.

Maurice Rouvier.—The color is bright, pinkish rose, elegantly tinted with shades of buff, and prettily veined with deep, shining crimson.

Mlle. Helena Cambier.—Robust, bushy grower, producing flowers all summer. Color rosy flesh with deeper center.

Souv. d'un Ami.—Fine delicate rose, shaded with salmon; very large, full and double; this should be in every collection.

Souv. de Malmaison.—A noble Rose; flowers large and extremely double; color flesh pink.

Zepherin Drouat.—Hardy Climbing Rose of strongest growth, growing in one season to a height of 15 to 20 feet. The flowers are large and double, of a bright rose color.



Ever-blooming Rose...
...Collection No. 2.

20 CHOICE ROSES.

Very Fine Plants.
Best Sorts.....

Our Selection, \$1.00, postpaid.



SHADES OF RED.



Agrippina.—Velvety crimson; beautiful bud; unsurpassed for bedding.

Bardou Job.—A climber; semi-double flowers. Beautiful deep crimson.

Dinsmore.—A true, perpetual; flowering very freely the whole season; flowers large and double; color, deep crimson.

J. B. Varronne.—Large, double flowers, color, rose changing to deep carmine. Very sweet.

Luciole.—Bright carmine, tinted with yellow. Buds long and sweet.

Mad. Pierpont Morgan.—Rosy carmine, base of the petals and center of the flowers almost white; very distinct and of robust habit; charming.

Progress.—Brilliant carmine red, flowers large and full. When planted in the garden gives an abundance of bloom through the summer.

Pierre Guillot.—One of the best Hybrid Teas; bright crimson; large.

Queen Scarlet.—Bright scarlet flowers; a profuse bloomer; fine for beds.

PRICE:—By mail, each, 10c.; any 7 for 50c.; any 16 for \$1.00. LARGE, 2-year-old plants, by express, each, 25c.; doz., \$2.50.



LORD PENZANCE NEW SWEET BRIAR ROSES.



DELIGHTFUL FRAGRANCE, BEAUTIFUL FLOWERS.

The foliage of every one is as sweetly scented as the common Sweet Briar; added to this, the flowers, are borne very profusely; varied in color from pale yellow to crimson. The plants are absolutely hardy.

Price of any of the following, each, 25c.; the 4 for 80c.

ANNA GIERSTEIN.—Of rich, dark crimson color, large foliage, a good grower with graceful branching habit.

BRENDA.—A maiden's blush or peach color. The bright golden anthers in center of flowers are much admired.

FLORA McIVOR.—Pure white, blushed with rose, large blooms for cut flowers, sprays of foliage pass up between flowers.

LORD PENZANCE.—Light yellow, changing to emerald yellow, sometimes with rose tint. Good grower and bloomer.

2-year-old plants of above, each, 50c.; the 4 for \$1.75.

TREE ROSES.—Beautiful trees, with a stem 5 to 6 feet high, making choice ornaments for the garden. North, it is necessary to protect the stem and head over winter. We send a neat, painted stake with every plant. They are too large for mailing. We have them in White, Pink, Red and Crimson. Each, \$1.50; doz., \$15.00.

ENGLISH SWEET BRIAR ROSE.—A fine old favorite; desirable for shrubberies and general planting; the flowers are bright and single; the fragrance of the flowers, leaves and young branches in the early spring frequently perfumes a whole neighborhood. Each, 10c.; 3 for 25c. Large 2-year-old plants, by express, each, 25c.



SWEET BRIAR ROSE.

DORMANT 2-YEAR OLD, HARDY HYBRID**PERPETUAL ROSES**NEW HYBRID PERPETUAL
MARGARET DICKSON.

Mrs. John Laing.—This Rose for out-door planting is undoubtedly the finest Rose introduced for many years. Entirely hardy; color a **beautiful, soft pink**, with most delicious fragrance; of exquisite shape, very double and of large size; a strong grower. We cannot say too much of its rare beauty.

Magna Charta.—A splendid Rose; extra large; full flowers; very double and sweet; color **clear, rosy red**, beautifully flushed with violet-crimson; a sure bloomer; one of the hardest and best for general planting.

New Hybrid Perpetual, MARGARET DICKSON.

Undoubtedly the finest *White Hybrid Perpetual* yet introduced. Some idea of its beauty and worth can be formed from the fact that wherever it has been exhibited in Great Britain it has carried off the first honors, receiving in one year the Gold Medal of the National Rose Society of England and six first-class certificates. The flowers are of the **purest white**, of extra large size and of immense substance. It is a strong, vigorous grower, with fine, large foliage.

Marie Bauman.—Bright carmine; flower very large and of exquisite form; free bloomer. In every way one of the finest Roses grown.

Mabel Morrison.—Petals thick and of a very soft, smooth texture; shell-shaped; very double and rounded in form; of the **purest white**.

Marshal P. Wilder.—A Rose of unusual excellence. Flowers are large, semi-globular, full and of good substance; color a **bright scarlet crimson**, richly shaded with maroon; very fragrant and a free bloomer.

Persian Yellow.—The Hardy Yellow Rose of our mothers' gardens. Perfectly hardy; flowers semi-double; **golden-yellow** color.

Paul Neyron.—Deep, shining pink. Flowers often five inches in diameter, and the buds always develop fine, perfect Roses. It is a good, strong grower; almost thornless stems which often attain six to seven feet in one season.

Perle des Blanches.—A finely formed, **pure white** Rose. Beautiful shell-shaped petals, evenly arranged.

Prince Camille de Rohan.—Very dark, rich, velvety crimson, passing to intense maroon, shaded black; large, full flowers appearing at a distance as if really black. One of the **darkest Roses**; very handsome.

Ulrich Brunner.—A splendid Rose either for garden or forcing. It is of a rich, glowing crimson-scarlet color; produces flowers of exquisite shape.

PRICE: 2-YEAR HARDY PERPETUAL ROSES: Extra Strong 2-Year Dormant Plants, by express, each, 35c.; 6 for \$1.75; 12 for \$3.00; by mail, each, 40c.; 4 for \$1.00.

Hardy 2-Year Old Climbing Roses. Extra size plants, field grown, 2-year old, by express, 35c.; 4 for \$1.00; 13 for \$3.00.

Baltimore Belle.—Has grown twenty feet in one year. Flowers very double, in clusters of a pale bluish color.

Seven Sisters.—Flowers in clusters of seven. Color clear pink, often variegated white and crimson.

Prairie Queen.—Bright red, changing as the flower opens.

Moss Roses. Extra plants, field grown, dormant, 40c.; 3 for 1.00, postpaid. By express, 30c.; 4 for \$1.00; doz., \$3.00.

Perpetual Moss.—(BLANCHE MOREAU.) The best white Moss Rose. Flowers are produced in clusters and are large, full and sweet. Color is pure white; both flowers and buds have an abundance of dark green moss.

Crested Moss.—Rose color, beautifully crested.

Henry Martin.—Rich, glossy pink, tinged crimson; large, globular flowers; full and sweet; finely mossed.

Salet.—Color bright rose, with bluish edges. An extra fine, cupped sort.

MOSS ROSE COLLECTION. 1 each, 4 kinds, extra size plants, field grown, about 2 feet high, \$1.00, by express.

The Hybrid Perpetuals are considered the most valuable of all Roses. They are chiefly distinguished for their vigorous growth and fine, large flowers and for being entirely hardy. They are particularly valuable for permanent beds or borders in the Northern and middle States. The flowers are large, often measuring five to six inches in diameter, very fragrant and of all the colors known to the Rose. If you wish to enjoy a glorious sight, set out a row of these Roses in a trench filled with manure and strong soil (well mixed together) and you will be well repaid. Set these plants fifteen to eighteen inches apart. Cut shapely and keep well trimmed and the dead wood removed.

American Beauty.—This variety has been rightly described as an everblooming Hybrid Perpetual. The flowers are very large, of beautiful form and very double; color a **deep, rich rose**. The fragrance is delightful, resembling La France or the old-fashioned Damask Rose. It is truly an everbloomer, each shoot producing a bud.

Anna de Diesbach.—Bright rose color; very large and showy; particularly fine in bud; flower slightly cupped; a vigorous grower; one of the best.

Baroness Rothschild.—The most beautiful of all Roses. Of immense size, perfect form and exquisite color; **rich, lovely shade of pink**, delightfully perfumed.

Ball of Snow.—(BOULE DE NEIGE.) Rose of large size, perfectly double; fragrant; **pure white**; entirely hardy.

Captain Christy.—Delicate flesh color, deepening in shade toward the center; beautiful foliage, resembling Mahonia leaves; a most lovely sort.

Coquette des Alps.—A large, **white flower**, occasionally shaded with bright pink; constant bloomer, bearing its flowers in clusters; fine flowers.

Fisher Holmes.—Dark, rich scarlet, shaded with deep, velvety crimson; beautiful, extra large, full flowers.

Giant of Battles.—This is still esteemed as the very best rich, **red Rose**. Very large, double, full and sweet.

Glory Lyonnaise.—This grand Rose is the only **yellow Hybrid Perpetual** we have. It cannot be called deep yellow, but rather a pale shade of chamois, or salmon-yellow, deepest at center, sometimes passing to a rich, creamy white, finely tinted orange and fawn. The flowers have all the beauty of Tea Roses, large and full and delightfully sweet.

General Washington.—This splendid Rose is one of the best Hardy Perpetuals for general planting; color **bright, shining crimson**, very rich and beautiful; flowers large and perfectly double; blooms the first season and almost constantly.

General Jacqueminot.—Rich, velvety crimson, changing to scarlet crimson. A magnificent Rose; equally beautiful in the bud state or open. This is the best known of all Hardy Perpetuals, and is without a rival in fragrance and richness of color. It is as easy of cultivation as many of the more common varieties and perfectly hardy.

John Hopper.—One of the most reliable and satisfactory H. P. Roses. Flowers large, regular and full; color **brilliant rose**, changing to bright, glowing pink, shaded with rich crimson; very sweet and a remarkably profuse bloomer.

Mme. Gabriel Luizet.—One of the most beautiful of all Roses. It is extra large, with broad, shell-like petals, elegantly formed, very double and full, delightfully suffused with lavender and pearl.

Mme. Plantier.—This is the best every day Rose we know. Good for anybody or everybody at any place or at any time. The plant grows in a very fine, bushy form and produces its **white** flowers in great abundance in June; especially desirable for cemetery decoration.



GLORY OF MOSSES. (BUDS.)

Hardy Perennial Plants.

These are planted once and are always there.

They live through our Winters with little or no protection.



DIELYTRA or Bleeding Heart.

Graceful sprays of heart-shaped, pink and white flowers, blooming in May or June. Strong clumps, each, 25c.; 3 for 60c.; doz., \$2.25.

FUNKIA Lanceolata Variegata.—Variegated-Leaved Day Lily. Each, 20c.; 3 for 50c.; doz., \$1.50.

HELIANTHUS Multiflorus Plenus. (SUNFLOWER DAHLIA.) Loaded with yellow flowers, excellent cut for vases. Each, 15c.; 4 for 50c.

HEMEROCALLIS.—(LEMON LILY.) 10c.

HIBISCUS, Crimson Eye.—Each, 15c.

HARDY GARDEN PINKS.

Each, 15c.; the 2 for 25c.

Her Majesty.—Flowers are of large size, similar to a Carnation, pure white and very fragrant. It is perfectly hardy and makes the finest border Pink.

Souv. de Sale.—Finest border Pink yet introduced. Flowers very large and borne well up on stout stems, perfectly double, elegantly fringed and very fragrant. Soft rosy pink, very beautiful.



HER MAJESTY
PINK.

HOLLYHOCKS...

These handsome, showy plants are at present great favorites. Their unique growth gives them a welcome everywhere. As a background in large borders or beds of the lower growing herbaceous plants there is nothing better. For planting in rows or groups on the lawn or interspersing among shrubs, they are invaluable. Our stock consists of fine well-grown field-plants, ready to bloom this year, raised from the best strain of Chater's seed. Their flowers are large, double, handsome in form as a Camellia and of lively shades of color. Double White, Double Salmon, Double Yellow, Double Crimson, Double Pink.

Price, each, 15c.; 3 for 40c.; doz., \$1.25. Large plants, each, 25c.; 3 for 60c.; doz., \$2.00, by express. **Single Hollyhocks**, in mixed colors, each, 15c.; 3 for 40c.

ACHILLEA.—(THE PEARL.) The flowers are borne in great profusion and are pure white. Bloom from July until frost. Each, 15c.; 3 for 35c.



NEW HARDY PHLOX.

The
Single Flowers
of these
BEAUTIFUL PHLOX
are as large as
a silver
Dollar.

FORGET-ME-NOT.

Victoria.—The flowers are large and of a bright azure-blue. Two year old plants that will bloom all summer. Each, 15c.; 4 for 50c.

Iris Kaempferi or Japan Iris.

Double White, Double Blue, Double Violet, Double Reddish-Blue. Each, 15c.; 6 for 75c.

German Iris.—Mixed colors. Each, 10c.; 6 for 40c.; 12 for 75c.

Platycodon Grandiflorum.—Immense masses of bell-shaped flowers. Each, 10c.; 3 for 25c.

Sweet William.—Each, 10c.; 3 for 25c.

Tritoma Grandiflora.—(RED HOT POKER PLANT.) Each, 20c.; 3 for 50c.

Yucca Filamentosa.—(ADAM'S NEEDLE.) Flowers pure white, drooping, borne upon long stems. A fine plant for the lawn or cemetery; hardy and evergreen. Each, 15c.; 2 for 25c.

Large plants by express, each, 25c.; 5 for \$1.00.



DOUBLE RUDBECKIA, Golden Glow.

This is decidedly one of the brightest and most showy among the hardy plants and of the easiest culture possible. The plant is compact, growing 4 to 5 feet high, producing numerous stems which are laden with double golden-yellow flowers, in size and general appearance resembling a Cactus Dahlia. Excellent for cut flowers, lasting well when cut. Should find a place in every garden. Each, 15c.; 3 for 40c.

New Early Flowering Hardy Phlox.

These we consider the most desirable of all hardy perennials, flowering abundantly from July until late in the Autumn. These new French varieties are of a dwarf growth, seldom attaining a height of over 12 to 18 inches. The immense flower heads often measure from 7 to 9 inches across and comprise all shades of color—vermillion to white. They delight in a sunny location and rich soil, but are by no means particular.

Boule de Feu.—Dwarf grower, very large flowers of a bright rosy-crimson. Extra fine.

Esclarmonde.—Very large flowers of a rosy lilac, shaded white, large purple center, surmounted by a white halo. Extra good.

Mme. Pape Carpenter.—Pure white, finely formed flowers, of the largest size; of a dwarf compact growth.

Amor.—Very free flowering; large, compact heads of pure pink, center flesh pink. Dwarf grower.

Beranger.—Large, perfect flowers of soft, rosy white, shaded to light gray. Of grand form and substance. Very free blooming.

Coquelicot.—Extra fine, large flowers, compact heads; color bright red, making a brilliant show.

Cameron.—Large, perfect flowers; flesh pink with crimson center. Extra good.

Alceste.—Very beautiful large flowers; white shaded with lilac, large, bluish-violet center; very striking.

Each, 15c.; the set of above 8 for \$1.00; any 4 for 50c., postpaid.

We also have a large collection of the older varieties, at 10c.; 12 for \$1.00.



PAEONIES.

Still the grand old favorites they were fifty years ago. Our stock consists of the newest French and Chinese varieties, with immense double blooms of the most intense yet delicate colors. The flowers are borne in the greatest profusion. For brilliant display of bloom during May and June there is nothing that will equal them. Pæonies are an investment that will increase in beauty and value for a lifetime.

Monsieur Doffrey.—Very large flowers of a bright red; early and profuse bloomer.

Mme. Bellot.—Flowers large, very double and full; color, soft rose pink, very fine.

Nivalis.—Very large flowers; center cream, outer petals bright pink.

Officinalis.—Flowers like crimson satin; large, double and fragrant. Blooms early.

Festiva Maxima.—Extra large, double, pure white flowers.

Triumph du Nord.—Large, double, bright satin pink.

EACH, 25c.; the 6 for \$1.25, postpaid.

LARGE CLUMPS, each, 50c.; 6 for \$2.50, by express.

DELPHINIUM FORMOSUM, Larkspur.

One of the handsomest and most satisfactory of all the hardy herbaceous plants. Its long spikes of bright blue flowers are produced continually from June until frost.

Each, 15c.; 2 for 25c.

NEW JAPANESE TREE PAEONIES.

These Pæonies attain a height of 4 to 6 feet, and when in bloom present a most gorgeous appearance. Flowers of immense size, very double and in great variety of color. We offer four distinct varieties in the following colors: Bright Rose, Pure White, Bright Red, Delicate Flesh. Strong two-year-old plants, each, \$1.00, or one each of the 4 colors, for \$3.50, by express.

PAEONIA TENUIFOLIA FL. PL.

A very early, distinct Pæonia with wonderful, fern-like foliage and handsome double red flowers in color like General Jacqueminot Rose. Each, 40c.; 3 for \$1.00.

TWO FINE SINGLE PAEONIES.

The flowers are 8 inches across; making a beautiful and striking show. We have them in crimson and light pink. Each, 25c.

HARDY SHRUBS.

The following shrubs are small plants and the prices include postage, except those "by express" which are sent at buyer's expense. If these shrubs, the prices of which include postage, are sent by express, at buyer's expense, larger specimens are sent at that price.

ALTHEA, Rose of Sharon.

Jean D'Arc.—The finest, new double white, yet introduced. Literally covered with flowers 3 inches across the whole summer. Each, 25c.

Boule de Feu.—Flowers double and a clear red. 15c.

Alba Plena.—Double white. 15c.

Violacea Plena.—Flowers, deep violet, double. 15c.

Althea Set, one each of the above 4 for 50c.

AZALEA Mollis.—Large, imported plants, ea., 60c., by express.

ALMONDS.—Double White and Double Rose. Each, 25c.

BERBERRY, Purple Leaved.—Has dark purple leaves, yellow flowers. 15c.; 3 for 30c.

CALYCANTHUS Floridus.—A handsome shrub, flowers brown-red with an exquisite pine-apple fragrance. 15c.; larger plants, 35c.

CARYOPTERIS.—This Blue Spirea has created a sensation wherever grown. Beautiful lilac flowers until the month of December. Each, 15c.; large plants, 25c.

COLUTEA Aborescens.—Ea., 15c.

CORNUS, (Dogwood.)

C. Variegata Elegans.—(New.) One of the finest variegated shrubs. The leaves are broadly margined with white, while some are entirely white. Each, 35c.

C. Spaethii.—While the markings in Elegans are white, in this variety they are yellow. Very fine. Each, 35c. One each of the two for 60c.

CYDONIA Japonica.—(Japan Quince) Bright scarlet flowers in great profusion. Each, 15c.

CRATÆGUS Coccinea fl. pl.—Double Scarlet Thorn. A tree of fine habit with rich luxuriant foliage. Flowers large.

Cratægus, Double White Thorn.—Each, 30c.; the 2 for 50c.

DEUTZIA Crenata fl. pl.—Covered with double white flowers.

D. Pride of Rochester.—Double white, tinted rose.

D. Gracilis.—Bunches of small white flowers. Each, 15c.; the 3 for 40c.

FORSYTHIA Viridissima.—Leaves dark green, flowers bright yellow, blooms very early in Spring. A fine hardy shrub. 15c.

HYDRANGEA, Paniculata Grandiflora.—They are absolutely hardy, grow in any soil and bloom the same year they are set out. They flower abundantly, bearing immense panicles of bloom, white at first and turning to rose in Autumn. An annual shortening of branches tends to increase the size of the flowers. Each, 15c.; doz., \$1.25; extra large plants, 25 to 30 inches, by express, each, 40c.; 3 for \$1.00.

HYDRANGEA Paniculata Grandiflora, grown in standard or tree form, plants with 2 foot clear stem and large bushy top, each, 75c., by express.



HYDRANGEA
PANICULATA
GRANDIFLORA.

HARDY SHRUBS.

HONEYSUCKLE, Upright.

Tartarian Alba.—Forms a high bush, with creamy white flowers; blooms in June and July. Each, 15c.

HYPERICUM Moserianum.—Evergreen shrub, 2½ feet high, which is covered with large flowers of a pure golden yellow, 2½ inches in diameter. 15c.; 3 for 40c.; larger plants, 25c.

LIGUSTRUM Iboia.—Desirable shrub. Each, 15c.

LILACS. New Double-Flowered.

Le Gaultois.—Handsome, double, deep crimson flowers produced in very large panicles. A splendid sort. Ea., 25c.

Madame Lemoine.—Double pure white flowers, borne in enormous panicles. Each, 40c.

COMMON LILACS.

Each, 15c.; 3 for 40c.; doz., \$1.50, prepaid. Large plants 3 to 4 feet, each, 35c.; 3 for \$1.00, by express.

Alba.—Large-flowered white.

Chas. X.—Magnificent reddish purple.

Persica Alba.—Slender branches, fine, beautiful white flowers.

Rubra de Marley.—The common purple species, and one of the best.

The Tree Lilac.—(SYRINGA JAPONICA.) Makes a straight, stout, well-branched tree, with large and handsome leaves and immense clusters of white blossoms, sometimes measuring 16 to 24 inches in circumference. The most showy of ornamental trees.

PRUNUS Pissardi.—(PURPLE LEAVED PLUM.) The finest purple-leaved shrub of recent introduction. The young branches are a very dark purple; the leaves when young are lustrous crimson, changing to a dark purple. Price by express, (too large to mail, plants 4-5 feet.) Ea., 30c.; 4 or \$1.00.

PTELEA.—Golden Leaved Hop Tree. Each, 35c.; 3 for \$1.00.

PHILADELPHUS, or Mock Orange.—(PH. CORONARIUS.) A well known shrub, with pure white, highly-scented flowers. Each, 15c.

RHODODENDRONS.

Cunninghami.—Pure white. Fine, large, imported; grafted plants with bloom buds; by express, each, \$1.00.

Catawbiensis.—Rose and purple shades. Large plants only, set with bloom buds, by express, only \$1.25; 3 for \$3.50.

SAMBUCUS Aurea.—(GOLDEN ELDER) Golden-yellow foliage. 25c.

Sambucus Laciniata.—Cut-leaved Elder. Each, 25c.

SNOWBERRY.—SYMPHORICARPUS RACEMOSUS) Ea., 35c.; 3, \$1.00.

SPIREA Arguta.—Of dwarf habit; flowers clear white, fine foliage; very best early flowering Spirea; 20c.

S. Van Houtti.—Pure white; 15c. **S. Bumaldi.**—Light rose; 15c. The 4 for 50c.

VIBURNUM Plicatum.—(JAPAN SNOWBALL.) Each, 15c.; large plants, by express, each, 25c.

Sterilis.—Old-fashioned Snowball. 15c.; large plants, by express, 25c.

WEIGELIA Rosea.—Blush white, 15c.

Variegata.—Leaves margined with creamy white, flowers pale pink. Each, 20c.; or one each of the 2 for 30c.

HARDY CLIMBING PLANTS. SEE ALSO HARDY CLIMBING ROSES.



CLEMATIS JACKMANI.



CLEMATIS PANICULATA.



AMPELOPSIS VEITCHII.



HONEYSUCKLE.

CLEMATIS.

The royal purple of this splendid, everblooming flower may well be said to mark it as a prince among all hardy flowering vines. We presume every one of our customers who sees it bloom each Summer promises to plant it in his own yard or garden at the next opportunity. It is especially adapted to open lawns or house fronts in the city or country. Perfectly hardy; blooms the entire season, bearing beautiful and lasting flowers.

Plant in a sunny spot in good garden soil dug very deep. We recommend the application of well-rotted manure in holes a few inches away from the plant in opposite directions. The feeding roots reach out to these holes which may be watered freely, with better success than when the manure is applied directly to the base of the plant.

Extra size plants for immediate effect.—Many of our customers desiring immediate effect, prefer this stock and we import from the best nurseries in Europe.

Price, unless noted, strong 2-year-old plants, each, 75c., prepaid. Extra strong 3-year-old plants, \$1.00, by express.

Large-Flowering Clematis Jackmani.—This variety, with its strong, healthy growth, hardy nature and rich, deep velvety-purple flowers, is the most satisfactory of its class. Blooms with astonishing profusion from July to November on shoots of the present season; should be pruned early in Spring.

Jackmani Alba.—The white-flowered Jackmani.

MADAME BARON VIELLARD.—Called the red-flowered Jackmani. One of the strongest and most vigorous, free-blooming varieties of Clematis. Flowers from four to five inches in diameter and of perfect form. Light red, with lilac shadings. Cannot be surpassed.

Henryi.—(BANGHOLM BELLE.) A strong grower, flowers always eight-petaled, four to six inches in diameter and pure white. Very hardy.

Miss Bateman.—Pure white, with chocolate anthers. This sort commences to bloom as soon as its leaves start in May.

Gipsy Queen.—A rich, dark, velvety purple; a rank grower and a free bloomer. A very attractive and curious variety.

Duchess of Edinburgh.—One of the best double whites, of vigorous habit, very free of bloom and deliciously fragrant.

FRAGRANT AND SMALL-FLOWERED CLEMATIS.

Price, each, 20c.; 3 for 50c., postpaid.

Coccinea.—Bell-shaped flowers, bright coral-red; blooms from June until frost. A rapid grower; very free bloomer.

Crispa.—Fine, deep blue, with a white border and deliciously fragrant.

Viticella.—A strong grower, with pretty foliage and purplish-red flowers. Suitable for verandas and trellises.

Flammula.—(VIRGIN'S BOWER.) Pure white; blooms in clusters; fragrant.

CLEMATIS PANICULATA.

A vine of very rapid growth, quickly covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are of medium size, pure white, borne in immense sheets and of a most delicious and penetrating fragrance. The flowers appear in September, at a season when few other vines are in bloom. The extreme rapidity of growth, the showy foliage, beautiful and fragrant flowers and hardiness, serve to make this one of the very choicest of recent introductions. Each, 20c.; 3 for 50c.; extra large, field grown plants, each, 40c.; 3 for \$1.00, postpaid.

AMPELOPSIS.

AMPELOPSIS VEITCHII.—(Boston Ivy.)

This very attractive clinging vine will be readily recognized by our readers when we remind them that its glossy ivy leaves overlap each other and its long, delicate, young shoots stretch up the stone walls of our finest city residences. The tendrils at nearly every joint cling firmly to the smoothest surface of rock or wood. The glossy leaves assume in the Autumn the most beautiful tints of scarlet and crimson. The handsomest vine possible for growth on house walls, especially the foundation and first story, round the doors and windows. It is quite hardy, but some protection of straw may well be used immediately around the plant in Winter. We quote many sizes. 15 inches, 15c.; 2 feet, 25c.; extra, 3 feet, 40c.; 3 for \$1.00, prepaid. Or not prepaid, 15 inches, 5 for 60c.; doz., \$1.00; 2 feet, 6 for 90c.; doz., \$1.50; extra, 3 feet, 6 for \$1.25; doz., \$2.25.

GRAFTED AMPELOPSIS VEITCHII.—The same habit as Veitchii, except plants make a much stronger growth the first year; also much harder. We can recommend these grafted plants to our customers. Large plants, three to four feet high, growing in pots, each, 50c.; doz., \$5.00, by express.

ENGELMANNI.—Foliage large and abundant; similar to the Virginia Creeper, but quite distinct in having the self-supporting habit of Ampelopsis Veitchii. In this respect and also in brilliancy of coloring in the Fall it will rival the so-called "Boston Ivy." Hardy in northern states. 2-year-old plants, each, 25c.

Muralis.—Foliage similar to Quinquifolia; strong, rapid grower, clinging to walls without support; stands the hardest Winters. 2-year-old plants, each, 20c.

Ampelopsis Quinquifolia.—(VIRGINIA CREEPER.) Luxuriant in growth, with handsome foliage turning to bright crimson in the Fall. Very hardy vine for covering old tree trunks, walls or fences. Each, 15c.; 4 for 50c., postpaid; 3-year-old plants, by express, each, 25c.; 12 for \$2.50.

Aristolochia Siphon.—(DUTCHMAN'S PIPE.) Very hardy, strong-growing vine, with large, peculiar, heart-shaped leaves. Curious pipe-shaped flowers of yellowish-brown. Each, 20c.

Akebia Quinata.—A beautiful, hardy, climbing vine. It often grows fifteen feet in a year and produces throughout the season large clusters of fragrant flowers, resembling Forget-me-nots. Each, 15c.; 4 for 50c., prepaid.

Bignonia Radicans.—(TRUMPET CREEPER.) Another good, old-fashioned hardy climber. It has clusters of large, trumpet-shaped, crimson-orange flowers. Will grow in almost any soil and under most trying conditions; very hardy. Each, 15c.; 3 for 40c.; large plants, by express, 30c.; 4 for \$1.00.

HONEYSUCKLES.—(Loniceras.)

Sweet-Scented Monthly.—(BELGICA.) This is one of the most satisfactory of Honeysuckles, producing continuously large trusses of very fine, fragrant flowers, red and yellow in color.

Scarlet Trumpet, or Coral.—(SEMPERVIRENS.) Very strong, rapid grower, with beautiful scarlet flowers all Summer.

Japan Golden-Leaved.—(AUREA RETICULATA.) A handsome and desirable variety, with variegated foliage and yellowish-white flowers.

Fuchsioides.—A splendid new species, with very large flowers resembling scarlet Fuchsias.

Halleana.—A vigorous grower; flowers yellowish-white; exceedingly fragrant and freely produced.

PRICE: Any of the above for 15c.; the 5 for 50c., postpaid.

WISTARIAS.

A family of elegant climbers, grand for walls, which from their vigorous growth, they soon cover. Flowers are borne in long, pendant clusters.

Alba.—Flowers white, in drooping racemes. Each, 30c.; large plants, by express, each, 50c.

Magnifica.—Dense clusters of purple-lilac flowers. Each, 20c.; large plants, each, 35c., by express.

See also Hardy Climbing Roses. Crimson, White, Pink and Yellow Rambler, etc...

Special Offer

* No. 327. 12 Climbing Vines, *
* each labeled, our selection of *
* varieties, for \$1.00, postpaid. *



RASPBERRIES.

Add for Postage 10c. per Dozen,
50c. per 100.

THE LOUDON.—This is truly a large fruited kind; the largest Red Raspberry we have ever seen. When boxed for market it outclasses everything in the Red Raspberry line, and sells quicker and for more money. Another good point should be remembered by those about to plant berries—it is an almost everbearing variety, continuing to throw up new fruiting branches late in the season.

Each, 15c.; 6 for 75c.; 12 for \$1.25.

ROYAL CHURCH.—Very productive, over 150 berries having been counted on a single stem; average $\frac{3}{8}$ to 15-16 inches in diameter; 100 berries weigh 11 ounces; has but few seeds, produces no small berries; does not crumble in picking, perfectly hardy wherever it has been tested; it is earlier than Cuthbert, yet continues longer in bearing. It combines the larger size and superior quality of the best foreign varieties. No variety heretofore introduced combines these excellences as completely as this.

Each, 10c.; doz., 75c.; 100, by express, \$3.00.

GOLDEN QUEEN.—The best of all Raspberries for eating out of hand. It is a sport of that popular variety, Cuthbert, and might be called Golden Cuthbert. It is of large size, high quality, hardy, productive and of great beauty. Midseason.

OLDER.—Of strong growth, producing canes very much branched, giving more fruiting surface than any other Black Cap. The fruit is of a shiny coal black, without bloom; rich, juicy and has very small seeds.

THE KANSAS.—The best of all Black Caps. Ripens with, or just after, Souhegan; berries large or larger than the Gregg, jet black, firm, handsome and of the best quality; very vigorous growth; exceedingly productive.

Shaffer's Colossal.—Truly colossal, plant and fruit, and ironclad in hardiness; dark red berries of a sprightly, sub-acid flavor. Increase from the tip.

GREGG.—Large Black Cap; heavy bearer.

Price, except noted, each, 10c.; 12 for 50c.; 100 for \$1.50.

THE COLUMBIAN.

—Of the many promising red berries none of this valuable and profitable class, come before the small fruit buyers with brighter promise than this. We have no doubt of the wisdom of investing \$10.00 to \$50.00 in this berry. The fruit is cone-shaped, of dark red almost purplish color. It adheres firmly to the stem and will dry on the bush if not picked. Seeds small and deeply imbedded in a rich juicy pulp with a distinct flavor of its own, making it a delicious table variety. Fruiting season extends from July 10th to August 15th. It is an excellent shipper and its productive habit is well seen in the fact that 3,511 bushes in 1894 produced an average of 5 quarts each.

Each, 15c.; 6 for 75c.
12 for \$1.25.



THE LOUDON
"RASPBERRY"

GOOSEBERRIES.

New
Gooseberry Keepsake.

A few years' trial in this country of the large fruiting English Gooseberries has proven that in many instances they can be grown without any indication of mildew. The Keepsake is a very large, straw-colored variety, of the finest quality and largest size. It is highly spoken of in England, being fit for use in that country April 24th. It is an excellent shipper; its abundant foliage protects the fruit. We offer imported plants. 1-year plants, each, 20c.; doz., \$2.00, postpaid; 2-year plants, each, 30c.; 6 for \$1.50, by express.

INDUSTRY.—It is one of the heaviest croppers and has never been known to fail a single season. It possesses a peculiar advantage over other kinds by coming into leaf some time before it flowers, consequently the foliage protects the bloom from destructive Spring frosts; the fruit is of largest size, and very sweet, very early and freest from mildew of any English variety. 1-year plants, doz., \$1.20, 4 for 50c.; each, 15c.; 2-year plants, 100 for \$14.00; 50 for \$7.50; doz., \$2.00; 3 for 60c., each, 25c., postpaid.

PEACH, Triumph.—Earliest yellow flesh Peach. Sure and abundant bearer. Fruit good size, yellow with red and to its value. Each, 20c.; 6 for 75c., postpaid.

WONDERFUL.—Freestone Peach. Rich, golden yellow, overspread with rich carmine; excellent keeper. Each, 15c.; 6 for 50 cents.

Abundance Plum.—This is the Plum for you, if you try but one. Lemon yellow ground, nearly overspread with cherry; flesh yellow, rich and perfumed. Each, 20c.; 3 for 50c.

Gooseberry, RED JACKET. New.

It is the best red Gooseberry in existence; has good foliage; mildew proof; yields well. The berry is as large as Keepsake, smooth, bright red color, and of excellent quality. It is of special value on account of its claim to being mildew proof, which will be an acquisition to people residing in localities where other varieties mildew badly. Each, 20c.; 6 for \$1.00, postpaid.

DOWNING.—Largest of our native Gooseberries; pale green; very sweet. 1-year, doz., \$1.00; each, 15c.; postpaid; 2-year, per 100, \$12.00; doz., \$2.00, by express; 3 for 60c.; each, 25c., postpaid.

HOUGHTON.—Well-known, medium size, pale red; very productive. 1-year, per 100, \$4.00, by express; doz., \$1.00; each, 10c., postpaid.



ELDORADO
BLACKBERRY.

BLACKBERRIES.

Plant in rows 8x4 feet.

If to go by mail, add 35 cents per 100 for postage.

ELDORADO.—Of largest size and best quality, and having so little core that it cannot be noticed in the eating. It far surpasses any Blackberry on the list to-day. In addition to this it is very hardy and productive, never having been injured in the Northwest.

Each, 15c.; doz., \$1.00; 50 for \$3.50.

SNYDER.—The old reliable; fruit rich and melting; no core; very hardy. Mr. S. M. Emery, of Minnesota, says: "It is the most valuable Blackberry grown, the only one that will stand this climate." Doz., 60c.; 100, \$2.50.

STONE'S HARDY.—Best variety for the North; fruit rich and melting. Doz., 80c.; 100, \$2.50.

WINDSOR CHERRY.—Recommended by the highest authorities on Pomology in the country. It originated in the cold climate of Canada and is therefore very hardy. The fruit is very large, of dark liver color, firm, solid and rich; good quality. If ordered by express, will send trees three to four feet high.

Each, 25c.; 5 for \$1.00, postpaid.



INDUSTRY GOOSEBERRY.

Yellow Transparent Apple.

The fruit of the Yellow Transparent has a grip upon the tree that only loosens by ripeness. To the cold North this is of great value. An early and good bearer annually; skin pale yellow; juicy, sub-acid; quality good. Season early in August. Each, 10c.; 12 for \$1.00, postpaid.

Bismarck Apple.

A dwarf growing, early bearing, German Apple. It has been well tested in the United States and is making a wonderful record for high quality, hardiness and especially earliness of fruiting. Two-year-old trees, seldom fail to produce fruit. Tree is of short and stocky growth and has been largely grown in pots for decorative purposes. Fruit, golden yellow. 1-year-old trees, by mail, each, 30c.; 4 for \$1.00; 2-year-old trees, by express, each, 50c.; 6 for \$2.50.



ENGRAVED
FROM A
PHOTOGRAPH

BISMARCK APPLE

Strawberries.

—Varieties marked (P) have imperfect flowers; they will not produce well unless every fourth or fifth row or plant is a perfect flowering variety, as are all not so marked. Thus planted the (P) sorts are the most productive. Price, except where noted, 1000. \$5.00, by express, 100. \$1.00; doz., 25c., postpaid.

THE NICK OHMER STRAWBERRY.

A Staminate Variety.

Named after Mr. N. Ohmer, ex-president of the Ohio State Horticultural Society, who says there is no other in the market, or in sight, that I would plant with as much confidence. If restricted to a single variety it would be my first choice without a moment's hesitation. The plant is very large and stocky, sending out plenty of very strong runners. It is probably not surpassed in healthy, vigorous growth and great productiveness by any variety. It has a perfect blossom. The fruit is of the very largest size, a giant among Strawberries. It is never misshapen. It is a dark glossy red, firm and of excellent flavor. Price, per doz., 75c., 25 for \$1.25, per 100, \$4.00 postpaid. 250 by express, for \$7.00.

STRAWBERRY "OBERST JESSIE."

This is a sport of the original "Jessie" Strawberry, and the plants have so far not shown a particle of rust. It is a very sweet berry, very large in size, and the most prolific variety we know of. Four quart boxes were shown at a recent meeting of the Wisconsin Horticultural Society and were well filled with 47 berries only. Foliage shows strong growth, the leaf being the largest of any we know of. We offer headquarter's stock, pure and true. Price, per doz., 40c.; 25 for 75c.; 100 for \$1.75, postpaid. If by express at buyer's expense, 100, \$1.25; 250 for \$2.00; 500 for \$3.50; 1000 for \$6.00.

BISMARCK.—The plant resembles Bubach in general appearance but is more robust and stocky. The berries are very large, bright scarlet, firm and solid and of excellent quality. Price, Doz., 40c.; 25 for 75c.; 100 for \$1.75, postpaid. 1000 for \$8.00 by express.

Brandywine.—Berries large; ripen late. One of, if not the best well tested large varieties for both home and market use.

Gandy.—The best late variety in cultivation. Berries large, of fine form and excellent quality, flesh firm; a good shipper.

Jessie.—One of the most perfect berries grown; large, prolific, and free from rust.

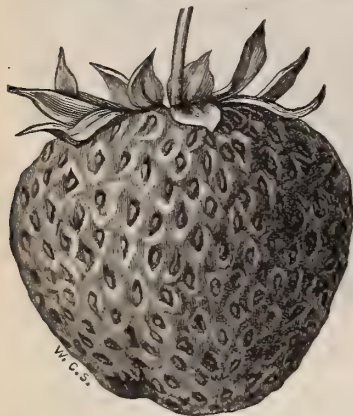
Haverland.—(P.)—Long, conical berry, bright red; very productive; good quality, moderately firm. Doz., 25c.; 100, 80c.

Wilson's Albany.—Well known sort; early to medium.

Bubach's No. 5. (P.)—Fruit large; very prolific; popular in the Chicago market.

Warfield's No. 2. (P.)—A great market berry; dark crimson, fine flavor, very firm.

A Strawberry Collection.—100 fine, healthy plants, in Four Good Sorts, Our Choice, Prepaid, \$1.00.



OBERST JESSIE.



NIAGARA GRAPE.

KOONCE PEAR.—Thoroughly tested for several years. Has produced good crop when all other varieties were killed by frost. Fruit medium to large, yellow with carmine cheek; quality good, ripens with the earliest, which makes it the leading early market variety.

Each, 35c.; 3 for \$1.00, postpaid.

KIEFFER.—A Fall Pear. Large, showy, rich, golden yellow, thickly dotted and shaded with red; excellent for canning. Each, 25c.; 5 for \$1.00.

GRAPES.

BRIGHTON.—Dark red; bunch large, berry medium size, skin thin, flesh tender, quality the best. Must be grown with other sorts, as it does not pollinize itself.

CONCORD.—Well-known; reliable.

DELAWARE.—Bunches small, compact, shouldered; berries small, round; skin thin, light red, flesh very juicy.

NIAGARA.—Vine hardy; unusually strong grower; bushes large and compact; berries mostly round; light greenish-white; semi-transparent, slightly ambered in the sun; skin thin, tough; sweet to center.

WORDEN.—Black, handsome, compact bunch; ripens three weeks earlier than Concord.

Price, postpaid, 1-year old, each, 15c.; any 3 for 30c.; 12 for 75c.; 2-year old, each, 20c.; any 3 for 50c.; 12 for \$1.50.

If ordered by express, larger plants will be sent.

Price, extra heavy grade, 3-year old vines, by express, each, 30c.; 3 for 75c.; 12 for \$2.50.

Strawberry-Raspberry or Tree Strawberry.

Another novel and original Japanese fruit. It is a spreading, low growing bush, producing its fruit in branching clusters of three or more at the ends of the stems. The fruit is about the size and shape of a strawberry; excellent for preserves. A fruit so unique, beautiful and prolific should prove a great addition to the garden. Fine, pot grown plants, 15c.; 4 for 40c.; 12 for \$1.00.

GOLDEN JAPANESE MAYBERRY.

A Raspberry which ripens its fruit before Strawberries. The earliest Raspberry ever known. The berries are of a golden straw color, as large as Cuthbert, and ripens here before Strawberries. Each, 15c.; 6 for 60c.; 12 for \$1.00.

THE NEW LOGAN BERRY.

A thornless Blackberry-Raspberry; ripens its fruits before raspberries; bears the first year; most remarkable fruit ever offered; hardy as a rock; stands driest weather; fruits on the poorest soils, where all other fruits fail. A hybrid between a blackberry and a raspberry; as large as the largest blackberry; rich, dark, purplish red. Ripens in June. Its earliness, beautiful appearance, delightful flavor, together with its firmness and good carrying qualities, make it a great seller. Price each, 15c.; 3 for 35c.; 12 for \$1.00; 50 for \$3.75; 100 for \$7.00 by express.

CURRENTS.

Add 25c. per doz. for postage to 2-year plant prices if to go by mail.

See Novelty pages for New Currant.

North Star Currant.

It is a vigorous grower, often making shoots three feet in height in a season, while it is a bright and red color, and is the **sweetest and best flavored Currant known.** It is an early and prolific bearer, many of the clusters measuring from three to five inches in length. It is of **large size**, rivaling the Cherry Currant, and in field culture it will average fully as large a berry as the latter, while each bush will carry about double the amount of fruit. 1-year, each, 15c.; doz., \$1.25; 2-year, each, 25c.; doz., \$2.50, by express.

Victoria Black.—Imported by us from England. We believe it to be the finest and largest Black Currant up to date; splendid; for jellies, preserves, etc. The stock of plants of this Currant is limited, so please order early. Price, each, 25c.; 3 for 60c.

FAY'S NEW PROLIFIC.—1-year, each, 10c.; per doz., \$1.00; 100, \$7.00.

RED DUTCH.—Sweet, 1-year, doz., 45c. 100, \$3.00; 2-year, doz., \$1.00.

WHITE DUTCH.—1-year, doz., 50c.; 100, \$3.00; 2-year, 3 for 25c.; doz., \$1.00.

LEE'S PROLIFIC.—One of the best black Currants. Each, 10c.; doz., 80c.



LOGAN BERRY.

FARM AND MISCELLANEOUS SEEDS.

Australian Salt Bush.

A Forage Plant for Alkali Soils, and for Regions Subject to Periodic Drouth.

This is a most wonderful forage plant as it will grow freely in arid and alkali lands, that will produce no other vegetation, yielding a marvelously liberal foliage which is eagerly eaten by all kinds of stock. It is of creeping habit. From 20 to 30 tons of green fodder have been harvested from one acre. It has further been proved that after three or four crops have been grown on alkali land, that the soil is then capable of producing any other vegetation. In many sections of the States this is in itself of priceless value. This plant has been very extensively tried at the California Experimental Station, where single plants, grown on the poorest alkali ground have reached a diameter of 16 feet in one season. One pound of seed will plant an acre. It grows readily from seed and requires no cultivation. Price, per lb., \$1.35; ¼ lb., 45c.; oz., 20c.; pkt., 10c.



AUSTRALIAN SALT BUSH.

ALFALFA or LUCERNE.

Unequaled Drought Resisting Clover.

The fresh green fields of Alfalfa, with the soft pink clusters of peach and apricot blooms scattered through them, as seen in Southern California, form one of the loveliest sights in America, especially when one travels in winter from the snowy north through the barren deserts and, creeping over the mountains, glides down some February morning amid such scenes where refreshing ocean breezes are heavy with the scent of orange blossoms. The tangled mass of strong growing clover shows what Alfalfa is and can do. It should be sown on open, porous and sandy soil, where it at once makes a start, and after the first year becomes permanent, and will afford immense crops year after year, without renewing. It is a remarkable plant for dry lands, the roots penetrating 15 to 17 feet deep in the ground, ensuring moisture and enriching the soil. This is now an immense crop in Colorado, New Mexico, California, Wyoming, and many other dry but fertile valleys in other western states and territories. It is certainly what may well be called a "dry weather" plant, and the past three seasons of bad drought should encourage every farmer to make a start with Alfalfa this year. It is a splendid crop to renew wornout land. It should be cut when in full bloom, the hay should not be rained on. Too much of the green crop should not be fed to cattle at a time. Keep the weeds down the first spring, after that the Alfalfa will do so itself.

Price, extra choice recleaned seed, postpaid, lb., 25c.; 3 lbs., 70c. Not prepaid, 10 lbs. (1 acre), 95c.; 50 lbs., \$4.10; 100 lbs., \$7.80.

BROMUS INERMIS.—Brome Grass.

THE BEST NEW GRASS FOR PASTURE OR HAY.

Most valuable grass for dry lands. It endures extremes of temperature and resists protracted drouth, succeeding where Alfalfa fails. Poor lands are no discouragement. It grows best in light, sandy loam, but its roots will penetrate the stiffest clay. It is equally good for cutting green, pasturing or cutting into hay, and the dense, tough sod it forms is most valuable for holding the banks of ditches and strengthening the turf of sandy soil. In Dakota it yielded the second year nearly 2½ tons per acre; and on another acre plot, 2 tons were cut June 28 and 2,600 lbs. at second cutting August 19. It pays to grow this Brome Grass for seed. It will yield 250 to 500 pounds per acre.

Dr. Sewell of the U. S. Grass Experiment Station, Garden City, Kas., says, it is equal to Timothy for cattle or horses, and makes as fine a pasture as Blue Grass. From the same station comes the report that this grass is positively the best out of over 600 kinds of seed. It has done equally well in Canada, Mississippi, Kansas, Colorado, Wyoming and California. It also does well sown with clover or with clover and timothy. Use 20 pounds to the acre if alone; if with Alfalfa, 15 pounds; they will grow well together. It may be sown in the fall with winter wheat, or in the Spring. Cut when first coming into bloom.

Price, for choicest re-cleaned seed, per lb., 20c.; postpaid, 28c.; 10 lbs., by express or freight, \$1.60; 25 lbs., \$3.75; 50 lbs., \$6.25; 100 lbs., \$11.75.

Bermuda Grass.—A tender delicate grass, growing over and binding the most arid and loose land, and grows luxuriantly in every kind of soil; very valuable for pasture, as well as for hay crop; time of sowing, April to June. Three to five pounds will sow one acre; seed very scarce and difficult to obtain. Pkt., 10c.; oz., 20c.; ¼ lb., 65c.; lb., \$2.00.

TEOSINTE.

(*Reana Luxurians*.)—A grand forage plant for the southwestern states; growing 12 feet high, very thickly covered with leaves yielding such an abundance of forage that one plant is considered to be sufficient to feed a pair of cattle for twenty-four hours. Not recommended for the Northwest. Pkt., 10c.; oz., 15c.; ¼ lb., 40c.; lb., \$1.40, postpaid.

MAMMOTH RUSSIAN SUNFLOWER.

Single heads measure 12 to 20 inches in diameter, and contain an immense quantity of seed, an excellent and cheap food for fowls. Every farmer should plant some of the seed in any waste piece of ground. The stalks and seed-heads when dry make a good hot fire. Two pounds of seed will plant an acre. Oz. pkt., 5c.; ½ lb., 16c.; lb., 23c. By express, 5 lbs., 80c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 100 lbs., \$8.00.

WILD RICE.

(*Zizania Aquatica*.)—The only one of our native plants furnishing food for wild fowl, ducks, geese, etc., which has been made an article of commerce. This seed can be sown on the borders of lakes, ponds and along small streams to great advantage, attracting all of these wild birds from September on. It purifies the water and affords refuge for the small fry from the large fish. It makes a good hay and at the South two crops can be cut and all cattle are fond of it. Sow in water having a mud bottom. Lb., 35c., postpaid. Write for prices on large quantities.



ALFALFA.



BROMUS INERMIS.

GIANT SPURRY.

Spergula Arvensis Maxima.

Spurry is an animal plant, extensively cultivated in Europe as a winter pasture for cattle and sheep. It grows so well on poor, dry, sandy soil that it has been called "the clover of sandy land." If sown in March, then again in May, and afterwards in July, it will produce three crops upon the same field in one season. These three crops, if successfully plowed under, will improve a barren soil so that it will now produce clover or winter grain. It is, therefore, recommended to all who are seeking a plant that will be a fertilizer for light, sandy soil, and at the same time be of real value for forage.

Sow 15 lbs. per acre on soil fit for clover. It can be sown from March until August, and is fit for pasture in five weeks. It is also valuable for "filling in" on pastures that have become thin. Per lb., 25c.; 3 lbs., 65c., postpaid. By freight or express, 6 lbs., 60c.; 10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.50.

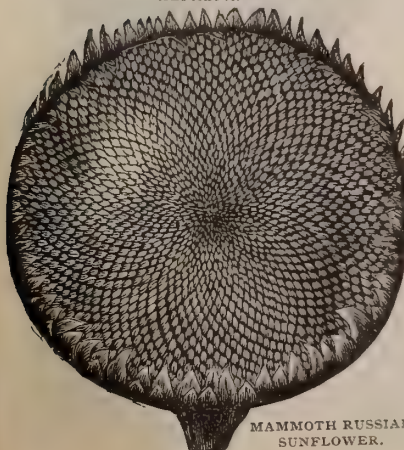
CASTOR BEANS.

Per lb., 20c.; 3 lbs. for 50c., postpaid.

FLAX SEED.

For Sowing.

Choice Recleaned, per peck, 50c.; per bushel, \$1.50. Write for latest market quotations on quantities.



MAMMOTH RUSSIAN SUNFLOWER.

OATS, BARLEY AND WHEAT

It is unnecessary to enlarge on the value of changes of seed of Farm Grains to those who read this book. The advantages are well-known and admitted. The next question asked by the buyer is "Can I afford it?" We say "Yes." The greatest advantage lies in producing largely of a first-class grain. Such kinds we offer here, and at prices lower than ever.

Oat prices are made in Chicago, add 25 cents per bushel if to be shipped from New York City.

Barley, White Hullless.—A grand barley for stock feeding Plump, heavy kernels, which, when thrashed, are hullless like Wheat kernels. Early, prolific; well filled heads.

Read what Mr. D. C. Carpenter says about this Barley: "I have grown 60 bushels to the acre, and it is the best grain to sow for hay that grows. Sow early and you can cut two crops from the same sowing. As fattening feed for hogs it has no equal. It makes sweet meat by far than corn. I fattened 20 hogs for one butcher, and made a gain of 106 pounds to the hog in five weeks. I find the best way to feed it is to grind it and feed dry, with clear cold water in another trough for them to drink out of. I have sown it as late as the 15th of June and made a good grain crop. It stools wonderfully."

Price, lb., 25c.; 3 lbs., 65c., postpaid. By freight, peck, 60c.; bu., \$2.00; 2½ bu., \$4.50; 10 bush., \$15.00.

SUCCESS.

A NEW CLUB OR BEARDLESS BARLEY.

A new and distinct variety; the earliest Barley known, being fully a week or ten days earlier than any other Barley. Height same as common Barley, but better straw and will stand upon any land. A good yielder, six rowed and strictly beardless. Ripens early, thus admitting of a second crop. One pound of seed has yielded 123½ bushels. Price, lb., 20c.; 3 lbs. \$5c., postpaid; pk., 25c.; bu., \$1.15; 10 bu., \$10.00, bags free. Large Sample Packet, mailed free for 6 cents in stamps.

BARLEY, MANSHURY.

Standard all around variety. Six rowed. Bush., 90c.; peck, 30c.; lb., postpaid, 25c.



SUCCESS BARLEY.



WHITE HULLLESS BARLEY.

GIANT YELLOW FRENCH OATS.

Also called "Giant Yellow Side Oats." It is extremely hardy, makes a strong stool, and grows with vigor and rapidity. The straw is heavy and stands well. The heads are compact and often measure over 11 inches in length. The grain is heavy, large and plump. The Illinois University reports the Giant Yellow French as giving the largest yield of all sorts tried. We offer Illinois grown seed, grown for us from original stock seed, which we imported; good samples at very low prices. Peck, 25c.; bu., 75c.; 10 bu., \$7.00.



LINCOLN OATS.

LINCOLN OATS.

The following are a few points of its excellence. It is very productive, having in all instances yielded more to the acre than any other sort grown in the same locality; in one case it yielded 174 bushels from a single bushel of seed. It is very early, and has thus far proved itself rust-proof. It stands up better than any other sort; it is best for seeding, on account of its thin hull, heavy meat and soft nib. It is best for oatmeal and grinding for the same reason. Price, 3 lbs. for 40c.; lb., 15c., postpaid; 10 bush., \$7.00; bush., (32 lbs.), 75c.; pk., 25c., bag included, by express at buyer's expense.

Improved Black Tartarian Oat

This Canadian grown variety is the darkest of all so-called black oats, and is a good one for change of seed in all parts of the United States.

Bush., \$1.15; peck, 35c.; 2½ bush., \$2.85.

Buckwheat, New Japanese.

Largest kernels, most productive and earliest; stands up well and makes the best flour. Bush., \$1.00; peck, 35c.; lb., postpaid, 20c.

Write for Market Prices on larger lots of both the above.

Winter Turf Oats.

This valuable grain has for several years been growing in favor and use in many parts of the South and has proven extremely valuable, both for the grain and for Winter grazing. The Oats may be sown anytime from August as late as the ground can be worked. Of course the latter sowings are more liable to Winter kill and afford less pasture. They will, however, make a good crop sown as late as October 1st, as well as early in the Spring, producing larger yield in bushels and in weight than Spring Oats and they are fully as hardy as Winter Wheat, growing in poorer soil than that and affording much better pasture. The Oats produce 25 to 40 stalks from 1 grain. Peroz, pkt., 5c.; lb., 25c.; 3 lbs., 60c., postpaid. By express or freight (on cars at Chicago or New York) pk., 40c.; bush., \$1.25; 2 bush., \$2.25.



SASKATCHEWAN FIFE SPRING WHEAT.

CLIPPER MILL.



Price only \$20.00. Low freights from Chicago (everywhere.)

HIGH CLASS SPRING WHEATS.

BLUE STEM.

Northern grown. (Minn.) Pedigree stock, carefully selected for ten years. Matures five days earlier than any other Spring Wheat, and will produce on the average from five to seven bushels more to the acre. Price, bags included: Pe k, 55c.; ½ bu., \$1.00; bush, \$1.85; 2½ bush., \$4.40; 10 bush., \$16.00.

SASKATCHEWAN FIFE.

Hard red Northern from the Red River Valley. Noted for its great productiveness, earliness, vigor and freedom from smut and diseases. This wheat has become so well-known as to render extended description of it unnecessary. Price, bags included. Pe k, 55c.; ½ bu., \$1.00; bu., \$1.85; 2½ bu., \$4.40; 10 bush., \$16.00.

Dwarf Essex Rape.

OUR OWN IMPORTATION.

The main secret in the successful raising of sheep for mutton, for which the English are so famous, lies undoubtedly in the very general use of Fodder Rape for feeding them. After the corn is harvested and before Winter sets in there is need of nutritious green fodder, especially for sheep. Dwarf Essex Rape is easily grown and perfectly hardy, and possesses remarkable fattening properties. One acre will pasture thirty-six head two months, and lambs will make a gain of 8 to 12 pounds a month. "They soon weigh like lead." Pigs and cattle are also very fond of it. The plant is a rank grower and should have heavy manuring, as well as high cultivation. Any corn soil will grow Rape. Sow the seed during the third or fourth week in June; it can then resist drouth, and the crop can be ready to feed at a season when it is most needed. By sowing different pieces several weeks apart a continuous supply of good feed can be had. When sown in June the Rape will have to be fed during August, though if the first crop were cut about four inches from the ground, there would be an aftermath or second growth that would be useful after that time. For the breeding flock a piece should be sown about the first week in July, with some even later, and the chances taken on its withstanding the drouth. It does well sown with oats. After the oats are cut the Rape grows rapidly. From one-half acre there was cut $9\frac{1}{4}$ tons of green rape, or it yielded at the rate of 19 tons per acre.

If the soil is rich and clean sow broadcast, if not so clean sow in drills and cultivate as for corn. Rape is especially adapted for a catch crop, succeeding well when for any cause other crops have failed, as it, like turnip, makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in the Fall. When sown broadcast, use five pounds, and if in drills, two pounds to the acre.

TRUE DWARF ESSEX RAPE, our own importation. Price, pkt., 10c.; $\frac{1}{4}$ lb., 15c.; lb., 28c., postpaid; 10 lbs. by freight or express, 75c.; 50 lbs., \$3.40; 100 lbs., \$6.35. Be sure you get the genuine.

STACHYS AFFINIS.

A new and valuable ground fruit. The bulbs taste much like the tuber of an Artichoke, and are good cooked in a variety of ways, fried, roasted and baked, being very sweet, tender and nutritious. Planted in ordinary soil they yield a bushel of tubers to every ten feet of row. For feeding swine they are particularly valuable, owing to their enormous productiveness. They are perfectly hardy, and like parsnip and artichokes are best if left in the ground till Spring. Price of tubers, doz., 15c.; 100, 80c., postpaid.

SOJA BEAN, or COFFEE BERRY.

This valuable forage plant has attracted increasing attention yearly. It is one of the most nutritious of all vegetable products. It will produce a crop of twenty to thirty bushels per acre and is as easily grown as other beans. For pasturing or feeding as green fodder it is very valuable and nearly equal to clover for fertilizing. It also has a further notable use and for that purpose has been widely advertised and sold recently. It is called the German Coffee Berry, also the American Coffee Berry.

A prominent seedsman says: "While it does not even belong to the coffee family of plants, still it is a fact, as we find by actual test, that when roasted and coarsely ground, it tastes so nearly like Brazilian coffee the difference is scarcely perceptible. It is certainly the best of all substitutes for coffee yet found."

Sow one-half bushel per acre broadcast or one gallon per acre in drills $3\frac{1}{2}$ feet apart and $1\frac{1}{2}$ feet between the plants, dropping 2 or 3 in a hill.

Price, large pkt., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 35c., postpaid. By express or freight, per peck, 95c.; per bushel, \$3.50, bags included.

BROOM CORN, Improved Evergreen.

The best variety for general cultivation on account of color and quality of brush; ripens very early, grows 8 to 10 feet high, brush of good length, fine and straight, and always of green appearance when ripe and will not get red in the field before it is cut. Price, lb., 20c., postpaid; by express, 10 lbs., 45c.; 50 lbs., \$1.85; 100 lbs., \$3.50.

BROOM CORN, Japanese.

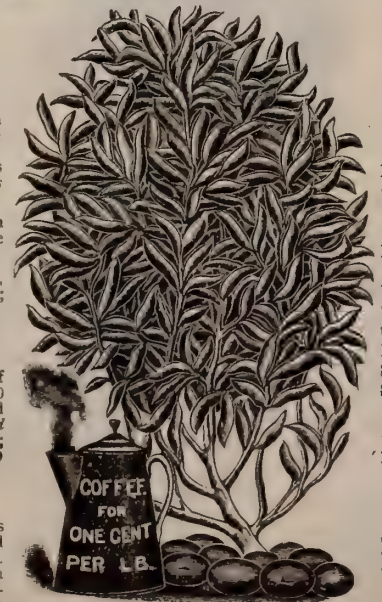
An extra early variety, matures about seventy-five days when planted late. Can be planted after wheat with good success, thereby making two crops on the same ground. The brush is fine and long, without center stalk, which is a most desirable point to broom corn raisers and manufacturers. Price, lb., 20c., postpaid; 10 lbs., 45c.; 50 lbs., \$2.00; 100 lbs., \$3.85.



DWARF ESSEX RAPE.



STACHYS AFFINIS.



SOJA BEAN, OR GERMAN COFFEE BERRY.

TREE SEEDS.

One Pound Lots and Less, Include Postage,

Larger Lots at Buyer's Expense.

Many varieties of forest tree seeds are easily grown. It should also be remembered that while some kinds sprout at once others require several weeks and a few lie dormant a whole season. Evergreen seeds should be kept in dry sand and cool. Apple, Pear, Quince and Peach pits should be placed in boxes of sand and exposed to freezing, if too late to do this, put into hot water for an hour before planting.

ASH, WHITE.—This is one of the most valuable varieties for forest planting. It is adapted to a wide range of soil and climate. It is an extremely rapid grower, often attaining a growth of six feet in a single season. It is one of the easiest varieties to transplant or grow from seed, requiring no more skill or care than the ordinary crop of white beans or Indian corn, with the exception that the seed usually lies dormant the first season, but it is sure to grow the next season if the ground is not disturbed. Per oz., 5c.; $\frac{1}{4}$ lb., 12c.; lb., 25c.; 5 lbs., not postpaid, 60c.

BOX ELDER.—It is the easiest grown and most generally successful of all tree seeds commonly planted. It is a most rapid grower and makes a very leafy shade; it will produce the largest amount of fuel in the shortest time of any of our hardy trees. Soak the seeds before planting. A bushel contains 10,000 seeds (bushel, 10 lbs.). Price, per oz., 5c.; $\frac{1}{4}$ lb., 12c.; lb., 25c., not prepaid; 10 lbs., \$1.40; 50 lbs., \$5.50; 100 lbs., \$8.50.

CATALPA Speciosa.—The hardy western variety, now being very largely planted. It is of very rapid growth, making one of the best timber trees. Sow thickly in rows about three feet apart, in April or May, and cover to the depth of one-half inch, and keep free from weeds. Transplant to their permanent places the next Spring, and cultivate for two seasons. A pound contains 16,000 to 22,000 seeds. Pkt., 5c.; oz., 10c.; $\frac{1}{4}$ lb., 20c.; lb., 60c., not postpaid; 5 lbs., \$2.00.

MAPLE, Oregon Mammoth.—This is the large mammoth-leaved Maple, peculiar to the Northwest coast. It is one of the most graceful trees in the country; varying from 40 to 90 feet in height. Its leaves are often twenty inches in breadth. While it is a species of Maple peculiar to the Northern climate of Oregon, it has been fully tested in other states and countries, and found to grow rapidly in either cold or warm, dry or damp climate. As a shade tree it has no rival.

Pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 40c.; lb. (about 7,000 seeds), \$1.35.

APPLE SEEDS (bush 40 lbs.). Pkt., 5c.; oz., 7c.; $\frac{1}{4}$ lb., 20c.; lb., \$0.35. Not prepaid, 10 lbs., \$2.25; 100 lbs., \$20.00.

These are sown to produce stocks for grafting or bedding—sow seed any time during Winter, see remarks on freezing top of page—do not let seeds become dry after freezing.

	PKT.	OZ.	$\frac{1}{4}$ LB.	LB.
APRICOT, Russian.....	10	20	60	
ARBOR Vitae, American.....	10	15	45	1 50
BALSAM FIR.....	10	15	55	1 75
BIRCH, White.....	5	15	45	1 25
LARCH, European.....	5	10	30	1 00
LOCUST, Honey.....	5	15	45	
5 lbs. not prepaid, \$1.25.				
LOCUST, Black or Yellow.....	5	15	45	
MULBERRY, Russian.....	10	20	50	1 75
OSAGE ORANGE.....	5	15	20	50
10 lbs., \$3.70; 100 lbs., \$32.00.				
PEACH, bush. (50 lbs.), \$2.00.				

PEAR, French.....	5	15	50	1 70
Sow in drills 18 inches apart, moist rich garden soil is best, rapid vigorous growth is necessary the first season. The next spring transplant to rows 4x1 ft., shortening the top root. The next year they can be grafted.				
PINE, Scotch.....	5	15	45	1 65
SPRUCE, Douglas.....	10	35	1 00	3 50
SPRUCE, Norway.....	5	10	35	1 25

POTATO SEED.—Carefully hybridized seed, suitable for experimental trials. You may, by planting this, in two years secure a new variety of merit. The little tubers the first year are about the size of small marbles. Pkt., 25c.

CLIPPER MILL.

"THE CLIPPER" Clover, Timothy Grain and Grass Seed Cleaner; probably the best for the price offered anywhere, very nearly perfect, easy running, seldom out of order. Price only \$20.00. Low freights from Chicago (everywhere.)



FORAGE and

FODDER PLANTS.

SUGAR CANE, EARLY AMBER.

Its early maturity adapts it almost to every section; it has given entire satisfaction wherever introduced, as a profitable crop for fodder, as well as for sugar making. It usually grows 11 to 12 feet high and stands well. If planted the first week in May the seed almost invariably ripens, thus giving a double crop each year, yielding 20 to 30 bushels of seed and 140 to 175 gallons of syrup to the acre. It costs as much to raise a crop of mixed, as of pure cane, but the latter will give back threefold more in return for the labor. Therefore order our pure, hand-picked Iowa grown seed, cured free from rain and of a strain noted for sugar making quality. Pkt., 6c.; lb., 18c., postpaid; 10 lbs., 35c.; 50 lbs., \$1.45; 100 lbs., \$2.75.

COW PEAS.

A highly and valuable fodder and fertilizing crop. Can be grown as a second crop after wheat in the north. The pods may be harvested for the grain and the plants plowed under to fertilize the soil. The seed is ground and used for cattle fodder; the stalk and leaves also make excellent fodder, fed green. Poor, sandy land may be greatly improved by plowing under a crop of Cow Peas, and thus made into a fertile loam. Plant in a thoroughly pulverized soil. Do not sow until the soil has become thoroughly warm. Black Eye, Whippoorwill.—Pkt., 10c.; pint, 20c., qt., 35c.; postpaid. Peck, 50c., bushel, \$1.75, by express or freight.

CANADA FIELD PEA.

Many of the first farmers of the west are planting peas as stock fattener, especially for hogs. They are equal to this best corn for this purpose. Sow at the rate of two bushels to the acre, broadcast. Pkt., 10c.; lb., 25c.; 4 lbs., 75c.; postpaid. By express, ¼ bushel, 35c.; bushel, \$1.20; 2½ bushel, \$2.60.

FODDER CORNS.

If you want your dairy products to be "Dry Weather proof" you must arrange for a supply of Green Fodder, and what is surer to grow well and protect itself from drouth than the Corn plant. Drill in 12 to 16 quarts per acre and leave room between the rows for sun and air to develop the plant.

Sweet Fodder Corn. We recommend it above all others for sowing broadcast or in drills for summer and early fall; green feeding during the summer months, helping out the shortness of summer feed and keeping up a supply of milk. Price, peck, 60c., bushel, \$2.00; 6 bushel, \$10.00, bags included.

Red Cob Ensilage. A southern type of large, white corn with deep red cob, strong leafy stalks and short joints. Price, sacks included, shelled, pkt., 5c.; ½ peck, 20c.; peck, 30c.; bushel, 85c.; 2 bushel, \$1.80.

Virginia Mammoth White. Where pasturage is expensive it is cheapest and best food that can be grown for feeding green to stock of all kinds. Price, shelled, peck, 35c.; bushel, \$1.00; 2 bu., \$1.90. Write for special price on large lots.

SANDVETCH, VICIA VILOSA.

The Sandvetch prospers in the most barren soils, even in those too poor to grow the winter tare. Six tons per acre of green foliage have been harvested in one cut in poor silicious soils, with a second cut for seed or plowing in green. Sow end of August, alone or together with a cereal, rye preferred, because this Vetch, reaching a length of 3½ to 5 feet, must have a support, otherwise it would lay down and deteriorate quality and yield. To the acre sow 65 to 85 pounds. Can stand any frost. This Vetch is eaten by all farm animals without it being necessary to add any condiments. Lb., 25c.; 3 for 60c., postpaid. By express, 10 lbs., \$1.00; 50 lbs., \$4.25; 100 lbs., \$8.00.

LATHYRUS SYLVESTRIS, or FLAT PEA.

This new forage plant is truly an agricultural wonder. Two or three cuttings may be made in one season, and a vast amount of very rich hay can be secured from a comparatively small area. It affords excellent pasturage, also as it produces heavily of fodder. The mature plants root 30 feet deep, enabling them to stand the severest drouths and extreme cold. It starts earlier in spring than alfalfa and continues later in the fall. It lasts 50 years without reseeding. On very poor, unimproved sandy soil it makes a top growth of 6 to 8 inches and a root growth of 12 to 15 inches the first year. On sandy soil that has been cultivated it does much better. It grows slowly at first and needs care to keep down the weeds. Pkt., 10c.; oz., 15c.; ¼ lb., 45c.; lb., \$1.50, postpaid.

SACCALINE, or SAGHALIN.

Extensively sold as a forage plant for desert and arid regions, as well as for low ground and all waste places. As it was most largely distributed in seeds—which require time to establish themselves—few of the experiments are sufficiently productive of results to recommend or condemn Saghalin. Young plants quickly establish themselves and throw out feeding roots in all directions. Pkt., 10c.; oz., 30c.; ¼ lb., 75c.; lb., \$2.75.



SUGAR CANE, EARLY AMBER.



VETCHES.



GINSENG

GIANT BEGGAR WEED.

A wonderful new forage plant and restorer of land. It is more valuable for fertilizing than either Peas or Clover and equal to them for feeding. When once established it grows every year without further attention and does not require to be sown again. It will not interfere with other crops, can be kept under by cultivation, can be eradicated in two years of successive pasturing. This is important because some forage plants become pests when the land is needed for other crops. The plant is a strong feeder with deep roots like alfalfa, bringing from the subsoil the dormant fertilizing elements and will enrich the land by its decaying foliage without the expense of plowing it under. Land planted with Beggar Weed has improved 300 per cent. in six years. Hogs, horses, cows and mules eat it greedily. Can be pasture land in summer and fall. Can be sown in the corn field. Will thrive on much poorer land than most forage crops. More fattening to stock than all other known forage plants. 5 pounds of seed for an acre. Drill or sow broadcast in the spring after frost. Price per pkt., 10c.; oz., 15c.; lb., 50c.; 5 lbs., \$2.00, prepaid.

KAFFIR CORN.

One of the best forage plants. If the crop is wanted mainly for fodder, it is recommended to cut down the whole stalk when the first seed heads come into bloom. The second growth, springing at once from the roots, will still mature (in climates similar to Central Kansas) a full crop of grain and a second full crop of forage before the middle of October. Sow in rows three feet apart, 3 to 6 pounds of seed to the acre. Price for white or red Kaffir Corn, per pkt., 5c.; per lb., 18c.; 3 lbs., 50c., postpaid. Not prepaid, 10 lbs., 35c.; 100 lbs., \$2.50.

WHITE MILO MAIZE.

A variety of sorghum, non-saccharine, growing stalks 8 to 10 feet high. It bears dry weather and makes its crops where corn would wholly fail. Plant in three foot rows, leaving one or two plants every twelve inches in the row and cultivate as corn. 3 to 5 pounds per acre. Lb., 15c.; 10 lbs., 40c.; 50 lbs., \$1.75; 100 lbs., \$3.25.

YELLOW MILO MAIZE.

The growth is tall, 9 to 12 feet, stooling from the ground like the White Milo Maize, but not so much. It sends out shoots also from the joints. On account of its branching habit and tall massive growth, this grain should be planted in 4 or 5 foot rows, and 2 to 3 feet in the drill, according to the quality of the land, two plants in a hill, 3 to 5 feet apart. Lb., 15c.; 10 lbs., 40c.; 50 lbs., \$1.75; 100 lbs., \$3.25. If by mail add 8c. per lb.

HOG MILLET.

It is a valuable help in the profitable raising of swine. Lb., 10c.; 5 lbs., 25c.; 10 lbs., 40c.; 25 lbs., 60c.; 100 lbs., \$2.50, bags included. If by mail, add 8c. per pound.

VETCHES.

For Spring or Fall Sowing.

Vetches are grown for a forage crop. They can be cheaply raised, fed green, cured and ensilaged. Where land is not adapted to hay, or is expensive, or pasturage is poor or costly, it will pay you to grow Vetches as a forage crop. Pkt., 10c.; lb., 25c.; 3 lbs., 65c.; postpaid. Peck, 75c.; bu., \$2.50.

FIELD LUPINS.

When young the plants are good for sheep. Sow from April to July, succeeds well in the poorest soil, and many lands formerly poor have had their value greatly enhanced by plowing in the Lupins. Lb., 25c.; 3 lbs., 65c., postpaid. By express, 5 lbs., 70c.; 10 lbs., \$1.25; 25 lbs., \$2.75; 100 lbs., \$10.00.

AMERICAN GINSENG. (*Aralia quinquefolia*.)

The roots of this plant are much used in China, and at very high prices. Heretofore the American supply has been the native growth in the forests, collected by the "sang" hunters, Indians and others, but this source is rapidly being exhausted. A number of persons in America are now growing Ginseng. The cultivation is not difficult. The seed ripens in September, and may be sown at once or properly stored until the following season. There are about 500 seeds in an ounce. It requires 18 months for the seed to germinate, during which time it must never become dry. Sow the seeds in shaded place in beds say three feet wide, in drills one inch deep, making them two or three inches apart, and dropping the seeds one inch apart in the drill. Beds should be covered with brush and straw or leaf mulch. From the seed bed the young plants are transferred to permanent beds, and planted about 6x6 inches apart. Dried roots at present sell at \$2.00 to \$5.00. per lb. Our price for seed, pkt., 25c.; 5 pkts., \$1.00.

FLAX

Of new crop, fresh, for medicinal purposes, per lb., 10c.; 5 lbs., 40c.;

SEED,


10 lbs., 60c. Postage, 8c. lb.

For sowing, market price now about \$1.50 per bushel.

CIRCLE

Vaughan's Grass Seeds.

BRAND.

 Our Circle Brand, as stencilled on all our bags and so invoiced, will be found in all cases of highest market grade, carefully re-cleaned and of extra value. Customers may find our prices for this Fancy Brand a few cents higher but will make no mistake in using it.

THESE PRICES are f. o. b. either Chicago or New York, and include bags, purchasers paying all transportation charges, but are subject to market fluctuations. Should any article appear high, write for samples and lowest quotations based on daily market.

IF TO GO BY MAIL ADD 8 CENTS PER POUND FOR POSTAGE.

Awnless Brome Grass. (*Bromus inermis*).—For description see next page. (Bush., 14 lbs.); lb., 20c.; 10 lbs., \$1.60; 25 lbs., \$3.75; 50 lbs., \$6.25; 100 lbs., \$11.75.

Creeping Bent Grass. (*Agrostis Stolonifera*).—(Bush., 15 lbs.); lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$18.50.

Crested Dog's Tail. (*Cynosurus Cristatus*).—For permanent pastures. (Bush., 22 lbs.); lb., 25c.; 10 lbs., \$1.90; 100 lbs., \$17.25.

English or Perennial Rye Grass. (*Lolium Perenne*).—This variety is used exclusively for pastures and lawns; succeeds well in shady places. It is of European origin and has not been, as yet, very extensively cultivated in this country, but has given excellent satisfaction wherever tried. For lawn it should be sown very thickly—not less than two bushels to the acre. (Bush., 24 lbs.); lb., 17c.; 10 lbs., 65c.; 100 lbs., \$5.00.

Hard Fescue. (*Festuca Duriuscula*).—Valued for its dwarf habit and should form a part of every mixture for lawn or pleasure grounds, and for permanent pasture. Sow thirty pounds to the acre. (Bush. 16 lbs.); lb., 18c.; 10 lbs., \$1.10; 100 lbs., \$9.25.

Italian Rye Grass. (*Lolium Italicum*).—(Bush., 18 lbs.); lb., 18c.; 10 lbs., 65c.; 100 lbs., \$5.00.

Kentucky Blue Grass. (*Poa Pratensis*).—Also known as *June* and *Meadow Grass*. As a grass for woodland pastures or lawns it is superior to all other kinds. On good soil it forms a thick mat of blades that afford excellent pasturage through the entire winter.

Fancy clean.—(Bush. 14 lbs.); lb., 20c.; bush., \$2.00; 10 lbs., \$1.50; 100 lbs., \$10.00.

Prices subject to market fluctuations.

Meadow Fescue, or English Blue Grass. (*Festuca Pratensis*).—It grows from 2 to 3 feet high and is one of the earliest, most nutritious and productive of all the grasses. It thrives well on all good soils, makes a perfect sod, and is valuable for permanent pasture. It remains green throughout the summer, when other grasses are all dried up. Sow one and a half bushels to the acre. (Bush., 18 lbs.); lb., 12c.; 10 lbs., 90c.; 100 lbs., \$7.25.

Meadow Fox-Tail. (*Alopecurus Pratensis*).—It grows best on rich, moist, or even wet soils, and is one of the most reliable grasses for permanent pastures. Sow three bushels to the acre. (Bush., 7 lbs.); lb., 20c.; 10 lbs., \$1.75; 100 lbs., \$15.00.

Rough Stalked Meadow Grass. (*Poa Trivialis*).—For pastures and meadows, particularly in damp locations. (Bush., 14 lbs.); lb., 27c.; 10 lbs., \$2.25; 100 lbs., \$21.00.

Sheep's Fescue. (*Festuca Ovina*).—Excellent for sheep pastures. (Bush., 12 lbs.); lb., 17c.; 10 lbs., \$1.25; 100 lbs., \$10.00.

Sweet Vernal.—Annual; emits a sweet odor. (Bush., 10 lbs.); lb., 12c.; 10 lbs., 90c.; 100 lbs., \$7.25.

CLIPPER MILL.



"THE CLIPPER" Clover, Timothy, Grain and Grass Seed Cleaner; probably the best for the price offered anywhere, very nearly perfect, easy running, seldom out of order. Price only \$20.00. Low freights from Chicago (everywhere.)



AWNLESS BROME GRASS.



CRIMSON CLOVER.

Vaughan's Grass and Clover Mixture

For Permanent Pastures.

(The Grass and Clover Should be Sown Separately.)

This Grass Mixture is made up of a number of the best imported perennial grasses, Red Top and Orchard Grass as the base. They are all of the best quality obtainable, and are mixed in the proper proportions.

The Clover Mixture, suitable for sowing with the above, and without which no pasture is complete. Sow three bushels of the Grass Mixture and 10 lbs. of the Clover Mixture on each acre.

Pasture Mixture, Grass, bush. (14 lbs.), \$2.25; 3 bu., \$6.25.
Pasture Mixture, Clover, 10 lbs., \$2.00; 20 lbs., \$3.75.

Cahoon Broadcast Seed Sower.

A hand-machine very largely used. The quantity to be sown is easily regulated. It will seed evenly four to six acres per hour. It will scatter the following distances: Wheat, Barley, Rye, 25 feet; Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight, 5½ pounds. Price, each, \$2.90.



Orchard Grass. (*Dactylis Glomerata*).—It stands drought well, grows in the shade of trees and thrives tolerably well on poor land. It comes very early in the Spring and remains green until late in the Fall, making it valuable for both early and late grazing, and will bear repeated pasturing and mowing. Sow three bushels to the acre. Subject to market fluctuation. (Bush., 14 lbs.); lb., 20c.; bush., \$1.60; 10 lbs., \$1.25; 100 lbs., \$10.00.

Red Top. (*Agrostis Vulgaris*).—This is a good permanent grass, well adapted to wet lands, although it will grow with luxuriance on almost any soil, whether wet or dry, and makes a perfect sod. In most sections it is highly appreciated for hay, succeeding clover and timothy when they have dried out. It is a good forage plant when kept fed close. It should enter largely into a mixture with other grasses. Sow two bushels to the acre.

Red Top, Common. (Bush., 14 lbs.); lb., 15c.; bush., \$1.00; 10 lbs., 80c.; 100 lbs., \$6.50.

Red Top, Fancy.—Solid seed. Three pounds equalling one bushel of "Common" Red Top. Can be sown at same time with other grasses. (Bush., 42 lbs.); lb., 20c.; 10 lbs., \$1.25; 100 lbs., \$10.00.

Tall Meadow Oat Grass. (*Avena Elatior*).—Used for soiling. It succeeds well in sandy lands, and owing to its long, fibrous roots, stands cold and drought well. Sow three bushels to the acre. (Bush., 14 lb.); 10 lbs., \$1.65; 100 lbs., \$14.00.

Timothy. (*Phleum Pratense*).—It makes the best hay for horses and market of the entire list, and being an early grass is well adapted to Spring grazing. It is a perennial, and if the meadow is kept in good fertility by surface dressing it will last and bear good crops indefinitely. We handle strictly pure stocks for those who want the best only. Sow 15 to 25 pounds to the acre. (Bush., 45 lbs.); lb., 8c.; bush., \$1.60; 10 lbs., 40c.; 100 lbs., \$3.25. Subject to market changes.

Choice Hungarian Grass.—Sow three-fourths of a bushel to the acre. Value constantly changing; write for special prices. (Bush., 48 lbs.); lb., 6c.; bush., 70c.; 10 lbs., 20c.; 100 lbs., \$1.25.

German, or Golden Millet.—Sow three-fourths of a bushel to the acre. Values constantly changing; write for prices. (Bush., 50 lbs.); bush., 85c.; lb., 7c.; 10 lbs., 25c.; 100 lbs., \$1.70.

CLOVERS.

Prices do not include postage; if to go by mail, add 8c. per lb. Prices subject to market changes. Samples free on application.

MEDIUM RED.—(Bush., 60 lbs.); lb., 17c.; bu., \$4.50; 10 lbs., 90c.; 100 lbs., \$7.50.

MAMMOTH RED.—(Bush., 60 lbs.); lb., 17c.; bu., \$3.85; 10 lbs., 85c.; 100 lbs., \$7.00.

ALSIKE.—(Bush., 60 lbs.); lb., 17c.; bush., \$4.85; 10 lbs., 95c.; 100 lbs., \$7.80.

WHITE CLOVER.—Extra choice seed. (Bush., 60 lbs.); lb., 25c.; bush., \$6.00; 10 lbs., \$1.50; 100 lbs., \$9.75. Prime Seed. (Bush., 60 lbs.); lb., 25c.; bush., \$9.00.

SAINFOIN or ESPARSETTE.—(Bush., 20 lbs.); lb., 17c.; 10 lbs., 90c.; bush., \$4.50; 100 lbs., \$7.50.

BOKHARA or SWEET CLOVER.—Lb., 27c.; 10 lbs., \$2.00; 100 lbs., \$18.00.

Crimson Clover. Choicest Re-cleaned Seed.

It should be sown 10 to 15 pounds per acre in July or August to secure best stand, and may be sown in standing Corn, or after Potatoes, Tomatoes, Beans, Cabbage or like crops, or with Buckwheat. It does not make permanent pasture, but will give the cattle two early, heavy cuttings of green feed. If it makes a good start it can be pastured during Fall and Winter, and make a good crop of hay or seed in the Summer. It will grow on poorest land. It grows late in Fall and during warm spells in Winter, when Red Clover will not think of starting. A plank drag is a good and sufficient means of covering the seed when sowing. In the Spring it is ready by May 20th with a heavy growth to plow under for any other crop that may be wanted. See the gain in time! Such a crop plowed under has shown a proven value as manure of \$50.00 per acre.

Present Price of Crimson Clover.—Choice and clean, postpaid, per lb., 20c.; 3 lbs. for 55c.; by freight or express, 10 lbs., 75c.; 25 lbs., \$1.50; 100 lbs., \$5.50, bags included. Price fluctuates.

PEARL or CAT-TAIL MILLET.

No other plant makes so much forage as this, seven cuttings can be had from one planting in one season in the South. Total of three cuttings green forage per acre at Georgia Experiment Station 52,416 pounds. The U. S. Agricultural Bureau has increased its sale largely. Demand could not be supplied in 1897. Stools at ground; thick foliage; heads not eaten. This is by far the most popular of all green eaten Millet. Oz., 5c.; ¼ lb., 10c.; lb., 25c.

VALUABLE NEW TYPES

• OF •

HAND PICKED-FIRE DRIED
SEED CORN.

GOLDEN ROW.

(See cut.) A fine yellow Dent grown in Bureau County, Illinois, the north line of Corn Belt 73°. A ten-inch ear with 16 rows. The grain is deep for Northern grown ears, well filled and hold their diameter well to the tips. It matures fully in ninety days of good corn weather. It is a splendid cropper and has yielded an average in its home locality of 80 bushels per acre for several years. Price, bushel, \$1.25; peck, 40c. By mail, pint, 20c.; quart, 30c.; pkt, 10c.

NORTH STAR YELLOW DENT.

It is a bright, yellow Dent, 12 to 16 rows, with deep grain and small red cob. It ripens in 95 to 100 days of good corn weather, and has been carefully improved with a view to keep the ears of the largest possible size, and yet fully mature the crop in good season throughout Southern Minnesota and Dakota. Our stock has been grown on the shore of Lake Michigan, fifty miles south-east of Chicago. It is suitable as an early variety South of belt 71, and is exactly adapted for a general crop in that belt and northward. Prof. Henry of Wisconsin University, considers it the most desirable of all. Price, shelled and in ears, packet, 10c.; lb., 25c., postpaid. Peck, select ears, 50c.; bushel, \$1.65; 3 bushels for \$4.50.

KLONDIKE.

An early yellow Dent so much resembling our North Star that it can hardly be distinguished from it. Ears are about nine inches long, often two on a stalk. The variety will ripen in Corn Belt 72°, say in the two southern counties of Michigan, the southern part of Wisconsin and westward, and is a desirable and prolific variety for localities south of that parallel. We offer selected ears or shelled, pkt., 10c.; lb., 30c.; 3 lbs., 75c., postpaid. Peck, 60c.; bushel, \$1.75, shelled. Peck, ears, 75c.; bushel, ears, \$2.00.

KING OF ILLINOIS.

(See cut.) A bright yellow Dent grown and carefully selected for twelve years in South Central Illinois. Corn Belt 75°. A cross between Leaming and an earlier variety. The ears average 10 or 11 inches in length with 20 rows, a very deep grain and dark red cob. The rows are straight and the ear even in size almost to the tip. It is an early variety for its own section and as even in type as we ever saw. Has taken the first prize everytime in its own county and four times in the state. **Corn is King in Illinois and this is the King of Illinois Corns.** Price, per bushel, \$1.25; peck, 40c. Postpaid, packet, 10c.; pint, 20c.; quart, 30c.

* * * OLDER STANDARD KINDS. * * *

Queen of the Field.—Suitable for "corn belt" 72°. A bright yellow Dent, 12 to 16 rows, with deep grain and small red cob, weighing sixty pounds to the measured bushel; it is very early and will ripen and fully mature in 95 days of good corn weather. It is one of the most prolific, often having two good ears to the stalk. Price, pk., 35c.; bu., \$1.00; 3 bu., \$2.80. Postpaid, pkt., 10c.; pt., 20c.; qt., 30c.

The Leaming.—Ears are 9 to 11 inches and nearly always two good ones to each stalk; average about 20 rows. Price, shelled, 3 bushel lots, \$2.60; bushel, 90c.; peck, 30c. If postpaid, packet, 10c.; pint, 20c.; quart, 30c.

Pride of the North.—A small Dent, maturing in about 90 days. The stalk is short and thick and frequently bears two good ears from 7 to 10 inches in length. Price, shelled, per 3-bushel lots, \$2.60; bushel, 90c.; peck, 30c. If postpaid, packet, 10c.; pint, 20c.; quart, 30c.

Iowa Gold Mine.—Ripens only a few days later than Pride of the North, ears of good size, color, golden yellow, grain very deep, cob small. Specially recommended for Iowa and other States in same latitude. Peck, shelled, 30c.; bushel, 90c. Quart, by mail, 30c.; pint, 20c.

Mastodon Dent.—Suitable for "corn belt" about 72°. It is one of the largest corns that can be matured that far north, and it is also very even in type, deep grained and a remarkable yielder. Price, shelled, packet, 10c.; pint, 20c.; quart 30c., postpaid; ½ peck, 20c.; peck, 30c.; bushel, 90c.

Iowa "Silver Mine" Dent Corn.—The ears measure from 10 to 12 inches in length and often weigh 1½ pound. They are very uniform in size, and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. It matures in about 100 days, being about two weeks earlier than Champion White Pearl. *It is the heaviest yielder we know, having yielded over 200 bushels to the acre.* Price, shelled, bu., \$1.00; pk., 35c.; ½ pk., 25c.; prepaid, pkt., 10c.; pt., 20c.; qt., 30c.

Will's Gehu 70-Day Corn.—This is probably the earliest valuable Yellow Flint corn we have. It has won first premium in Dakota for best yellow for that climate. Packet, 10c.; pint, 25c.; quart, 40c.; postpaid. By express, ½ peck, 35c.; peck, 55c.; bushel, \$1.75.

Giant Long Flint Corn.—For corn belt 72°. A tawny or smoky white variety. Price, shelled, large packet, 10c.; pint, 20c.; quart, 30c.; postpaid, peck, 40c.; bushel, \$1.15.

Longfellow Flint Corn.—A beautiful eight-rowed yellow flint. Ears from 10 to 15 inches long, well filled out to extreme end of cob, very prolific. Price, shelled, large packet, 10c.; pint, 20c.; quart, 30c. postpaid; peck, 40c.; bushel, \$1.15.

Golden Dew Drop.—A handsome, bright yellow, eight-rowed flint. Price, shelled, large packet, 10c.; pint, 20c.; qt., 30c., postpaid; pk., 40c.; bu. \$1.15.

King Philip.—(Reddish Flint.) One of the oldest and best known of the flint varieties; suitable for corn belt 71° and North. Price, shelled, large pkt., 10c.; pint, 20c.; quart, 30c., postpaid; peck, 40c., bushel, \$1.15.

POP CORN FOR THE BOYS. * Selected Ears for Seed *

Price for any kind of Pop Corn, postpaid, packet, 5c.; ½ lb., 12c.; lb., 20c.; not prepaid, lb., 12c.; 5 lbs., 35c.; 10 lbs., 60c.; 25 lbs., \$1.25; 100 lbs., \$4.75.

Illinois Snowball.—Its ears are double the size of the common variety; is exceedingly prolific, having yielded 65 bushels on half an acre. It is the best pop corn for home gardening that we know of.

Mapledale Prolific.—This is the most prolific variety, a single stalk having yielded 22 ears. It pops pure white and is of good quality.

White Rice.—A very fine white variety; kernel pointed.

Queen's Golden.—It pops perfectly white and a single kernel will expand to a diameter of nearly one inch.

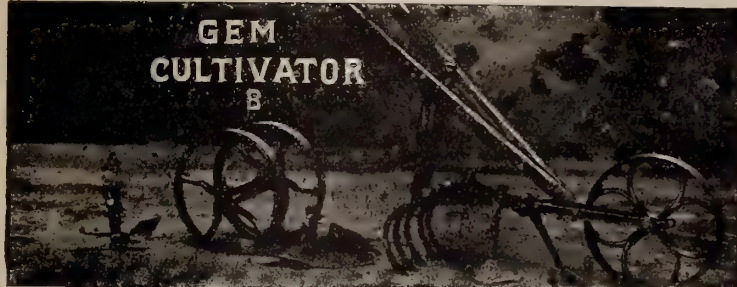
GOLDEN ROW.

KING OF ILLINOIS.
Half Natural Size.QUEEN OF THE FIELD.
¼ Natural Size.

Please remember that we will meet the prices of any reliable dealers if lower than ours, besides the advantage in freights in shipping from our Central locations, Chicago and New York.

For nearly twenty years we have offered our customers every good device in the way of **Hand Garden Tools** and our large sale of them has become a feature of our Catalogue trade. Buying in car loads, with low freights, and shipping from Chicago, New York or Philadelphia, we are in position to supply all these to the best advantage of buyers, as well as furnish *extra parts*. But we do not include gardening implements of any kind which we cannot vouch for as having been proven worthy and valuable. If you find that we recommend these tools you may safely buy them. We do not offer them as a premium to secure your seed order, but do so on their own merits.

GEM CULTIVATOR



The Gem Cultivator is without doubt, one of the most popular and best of all the hand cultivators made. Over twenty thousand have been sold, over one-half of them through Vaughan's Seed Store, since they were introduced and all have given best satisfaction. It is a most practical tool and made of the best material only.

Single Wheel Gem No. 1 includes all parts shown in cut except double wheels "B," and one pair side hoes "A." Price, not prepaid, \$3.85.

Double and Single Wheel Gem No. 2 includes all parts shown in the photograph. Price, \$4.75.

Double Wheel Gem No. 3 includes main frame, double wheels and side hoes. Price, \$4.00.

Philadelphia Lawn Mowers.

HIGH WHEEL. (Steel.) Style A.

This is the **King of High Wheels**. It has 10 in. driving wheels, $\frac{6}{8}$ in. cylinder cutters with four knives; constructed of steel throughout; is reduced in weight one-half. The style is different from our others, it having a train of **three gears** instead of single pinion gear, and is the **best mower made**.

WIDTH.	WEIGHT.	LIST PRICE.	OUR PRICE.
15-inch	40 lbs.	\$25.00	\$ 9.50
17- "	42 lbs.	28.00	10.50
19- "	44 lbs.	31.00	11.50
21- "	46 lbs.	34.00	12.50

Style K.—10-inch, high wheel, 5 knife open wiper with patent corrugated blades. A strictly first-class mower—the greater cylinder with **Five Blades** insures fine cut, and with its large driving wheels it is the **Lightest Running**, best single pinion mower made.

WIDTH.	WEIGHT.	LIST PRICE.	OUR PRICE.
14-inch	40 lbs.	\$20.00	\$ 5.75
16- "	42 lbs.	22.00	6.35
18- "	44 lbs.	24.00	7.00
20- "	46 lbs.	26.00	7.75

Style C.— $\frac{8}{8}$ -inch Driving Wheel.

14-inch	36 lbs.	\$17.00	\$ 5.25
16- "	40 lbs.	19.00	5.75
18- "	42 lbs.	21.00	6.25
20- "	44 lbs.	23.00	6.75

DREXEL LAWN MOWERS. The Best Cheap Mower on the Market.

Price.....12-inch.....\$2.50	14-inch.....\$3.00	16-inch.....\$3.50.
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PHILADELPHIA HORSE LAWN MOWERS.



Illustrated catalogue sent free on application.

36-INCH HORSE LAWN MOWER.
Weight, 450 lbs.

	List price,	\$ 50.00	Our price,	\$ 35.00
25-inch.....with Draft Rod.....	100.00		70.00	
30- ".....with Seat and Shaft.....	120.00		82.50	
36- ".....with Seat and Shaft.....	160.00		118.00	
40- ".....Horse Sweeper.....	70.00		55.00	

PHILADELPHIA GRASS COLLECTOR. THE BEST MADE.

A Galvanized Iron Bottom Collector, never-rip cloth connections. The wire is sewed in the cloth and wire rolled in the bottom. Always be careful to state size and style of mower when ordering.

Price—For Low Wheel Mower, 10-inch, \$1.40; 12-inch, \$1.50; 14-inch, \$1.60; 16-inch, \$1.70; 18-inch, \$1.80; 20-inch, \$1.90.
For High Wheel and Style K Mowers, 14 & 15 inch, \$1.70; 16 & 17 inch, \$1.80; 18 & 19 inch, \$1.90; 20 & 21 inch, \$2.00.



One of the best Seeders on the market. The best value in material, durability and **TRUE MERIT** for its price. \$6.00.

We invite attention to some of the leading features of the "New Model." Drills of similar construction are usually provided with a series of holes of varying sizes through which the seed is passed, which, of course, do not always give an opening of the exact size required. This adjustment is made in a simple and effective manner by use of a slide with a pear-shaped opening, passing under the bottom of the seed reservoir, which is provided with a perforation of similar shape in a reversed position. This slide can be instantly adjusted to size indicated by index, or to a *hair breadth variation between*—a vital point in a perfect seed drill. The index or indicator is plain, convenient and reliable. It is placed in open sight, immediately under the eye of the operator, and, as stated above, can be quickly adjusted to the slightest variation desired. As the names of the principal seeds are plainly shown on the index itself, it is not necessary to refer to any table of reference. The flow of seed can be instantly stopped by a *swinging cut-off*, conveniently operated by a cord and ring on handle. This cut-off prevents all loss of seed at end of rows, and its swinging or gravity form will be found far preferable to one that slides under, as it can not be jammed by the falling seed. The main wheel is of large size and of *unusual* width, preventing its sinking into soft earth. Each Drill crated and carefully packed for shipment. Packed weights about 40 lbs.

Price, \$6.00, prepaid as per conditions on top of page 104.

The McGee Cultivator.

This tool straddles the row and the handles can be moved independent of each other. Each handle has one of the knives attached to it and is held steady by a spring so that the blades can be moved up to or away from the plants as desired. This can be done with such ease, and so accurately after becoming used to the machine, that a man will work it as fast as he can walk and cut the weeds closer to the plants than can be done by any other cultivator. Price, complete, a bargain, \$3.50.

A. H. Mathews' Gem Drill.

This is, in most respects, but a smaller pattern of the A. H. Mathews' Garden Drill, and will sow all seeds with the same accuracy. For the home garden and all other uses where the finer seeds are sown, the Gem Drill will make the furrow, drop and cover the seed, and mark the next row as perfectly as any. It is thoroughly made in every way. The Drill crated weighs 22 lbs. It is the cheapest and best small Garden Drill. Price, \$4.35.

A. H. Mathews' Garden Drill.

The name "Mathews" has long been well-known in connection with the making of reliable Garden Seed Drills, and this one known as the "SQUARE BOX MATTHEWS" in distinction from the older "Round" hopper machine, is in our judgment the best of all, and is built with several new, ingenious and valuable Yankee improvements. The seed dial, the indicator, the markers, the shut-off and adjustable handles are all good features. Good value at the price, \$6.75.

THE DOUBLE-TUBE LIGHTNING INSECT EXTERMINATOR.

Kills, drives away and exterminates insects on your animals or your crops. It is made with double tube, and covers a radius

of $\frac{3}{4}$ feet, producing two large sprays with one operation. The reservoir holds two quarts, which is enough to spray 2000 hills of potatoes. Only one stroke is required to cover a hill of potatoes, which cannot be done with any other machine. It uses less Paris Green and water than other machines. A tablespoonful of Paris Green and two quarts of water will kill the bugs on 2000 hills of potatoes. Price, Coppered, each, 85c.; 3 for \$2.25. Galvanized, each, 65c.; 3 for \$1.75.



LEAF CART.

This is a hand cart frame with a very light wood rack designed for carrying leaves and other light material. The rack is adjustable, is 30 inches high and made of elm dressed $\frac{1}{4}$ -inch thick. Wheels are 30 inches in diameter. Bottom of rack or deck of cart 20 x 32 inch. Price, \$7.50.

The Globe Patent Garden Barrow.

Inside measurements of box, 30 in. long, 19 in. wide at wheel end, 24 in. wide at handle end, 12 in. deep. Has a 20 in. wheel. Nicely painted blue, green or red, or oiled and varnished and striped. When ordering state which color is preferred. Bottoms matched and glued. Price, \$2.65; with steel wheel, \$3.00.



Portable Brass Force Pump,

for spraying insecticides, with 3 feet $\frac{1}{2}$ inch discharge hose and "Calla" Spray Nozzle. \$3.50.



GLOBE PATENT GARDEN BARROW.

Eagle Hand Corn Planter.

Price, \$1.15.



LEAF CART.

"Planet Jr." Garden Tools for 1899. PREPAID. TO CASH BUYERS.

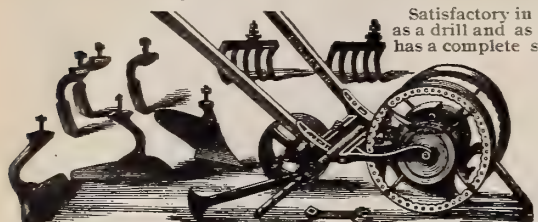
Prepaid Everywhere
 in the U. S. East of
 the Rocky Mountains

These Standard Garden Tools prepaid to customers of Vaughan's Seed Store from Chicago or New York! To all railway stations in the U. S. east of the Rocky Mountains, if order for Tools, or Tools and Seeds, combined, amounts to not less than \$7.50. This prepayment applies to tools only and not to other articles offered in this catalogue unless they are marked "prepaid" where described. Our two central locations, Chicago and New York, offer us the best possible shipping advantages, which we now give our customers in free delivery of these garden tools.

✱ ✱ Planet Junior Catalogue Free. ✱ ✱

COMPLETE
"PLANET JUNIOR"
 Descriptive Catalogue
 SENT FREE.

"PLANET JR." No. 1 Combined Drill and Wheel Hoe.



Satisfactory in every way, both as a drill and as a cultivator. It has a complete set of cultivating tools and all its operations are rapid, easy, perfect and delightful. When used as a drill the seed is sown with great regularity and at uniform depth. Hopper holds one quart. From a drill it is changed to its other uses by unscrewing but two bolts, when any of the attachments shown in the cut can be quickly made ready for use. Price, \$9.00.

"PLANET JR." No. 11 Double Wheel Hoe.

This tool first offered for 1898, combines the good points of its predecessors with valuable new ideas. It has 11-inch wheels, which can be set at four different distances apart; the frame can be set at three different heights. The handles are adjustable and, being attached to the arch, are entirely undisturbed in making any changes. The arch is of stiff steel, unusually high. The design of the frame allowing all changes of tools to be made without removal of the nuts from the standards. A pair of new model rakes and a pair of new style hoes are added to the usual equipment—seven pairs of tools in all. The whole set shown in the cut goes with the complete tool. The variety of work possible with this machine is incredible. Price, complete, \$8.00.

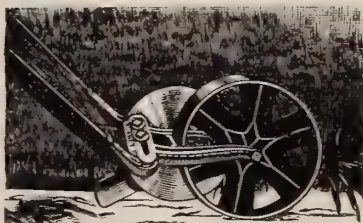
EXTRAS. We can furnish extra parts of all PLANET JR. Tools. In ordering "Extras" the figure and number should be given besides name of part. Send for repair list.

"PLANET JR." No. 12 Double Wheel Hoe, Cultivator and Plow. Without rakes, small hoes and leaf lifters. Price.....\$6.00.

"PLANET JR." No. 13 Double Wheel Hoe. With one pair of six inch hoes, only. Price.....\$4.00.

The "PLANET JR." GRASS EDGER.

The grand secret of attractiveness in grounds surrounding a house is extreme neatness. The "Planet Jr." Grass Edger assists wonderfully in producing this effect. It will do either straight or curved edging at a speed of a mile an hour. It should be the constant companion of the lawn mower. Price, \$5.00.



"PLANET JR." No. 8 Horse Hoe.

The "Planet Jr." Combined Horse Hoe and Cultivator, is so strongly built as to withstand incredible strain yet it is light and easy to handle. The frame is longer than usual and about 1½ inches higher, making a tool that will not clog easily. The standards are formed up hollow with round throats of stiff steel; they polish quickly and free themselves readily from obstructions. The depth is under perfect control by means of a new lever wheel and the new patented depth regulator. The expander, an entirely new pattern, superior to all other forms: exceedingly strong, simple, accurate and positive in all positions. Price, \$7.50.

Without depth regulator, \$7.00

"PLANET JR." No. 7 Horse Hoe. Similar to No. 8, except that it has no depth regulator. Price.....\$7.00.

"PLANET JR." No. 9 Horse Hoe. Similar to No. 8, but with no depth regulator, has expanding lever and plain wheel. Price.....\$6.50.

"PLANET JR." No. 4 Combined Hill Dropping Seeder and Single Wheel Hoe, Cultivator, Rake and Plow.

Smaller than No. 5 holding two quarts. Price, complete, \$10.00.

Drill, only, \$7.00.



"PLANET JR."
 No. 4
 COMPLETE.

"PLANET JR." No. 3 Hill Dropping Seed Drill. This drill will sow in a continuous row but it will also drop neatly in hills either 4, 6, 8, 12 or 24 inches apart. Has a 15 inch wheel. The hopper holds three quarts. Sows equally as well whether the hopper is full or contains only a paper of seed, and will not injure delicate seed. Price, \$9.00.

"PLANET JR." No. 5 Hill Dropping Seeder. Sows in hills or in a row. Drops at 4, 6, 8, 12 and 24 inches apart and also in a continuous row. Hopper holds 4 quarts. Has 16½ inch broad faced wheel. Price, \$12.00.

"PLANET JR." No. 2 Drill. As a seed drill, pure and simple it has a large sale. The sowing cylinder holds 2½ quarts. It sows in an even, regular stream whether there is much or little in the hopper. (Award at World's Fair.) Price, \$6.50.

"PLANET JR." No. 15 Single Wheel Hoe, Cultivator, Rake and Plow.

This latest and best Wheel Hoe, improved greatly for 1898, has a 11-inch wheel, with broad face, and a conveniently arranged and a very full set of tools, several of them being of new, special design. It is very light and strong and easy running, has three more tools than the old Planet Jr., and does a much greater variety of work and does it better. Has adjustable handles and frames. It is a most perfect tool for market gardeners or for private use. Complete, \$6.00.



"PLANET JR." No. 16 Single Wheel Hoe Cultivator, Rake and Plow. Has 1 pair of hoes, 3 cultivator teeth, 2 rakes, plow and leaf lifter. \$5.00.

"PLANET JR." No. 17 Single Wheel Hoe, Cultivator and Plow. Has 1 pair of hoes, 3 cultivator teeth and plow. Price.....\$4.00.

"PLANET JR." No. 18 Single Wheel Hoe. Has one pair of 6-inch hoes. Price.....\$3.00.

"FIRE-FLY" Single Wheel Hoe, Cultivator and Plow. This tool is exactly the same as the "Planet Jr." Single Wheel Hoe, excepting that it does not have the rakes or leaf lifter. Price, \$3.75.

"FIRE-FLY" Wheel Garden Plow. Price.....\$2.00.

The "Planet Jr." 12-Tooth Strawberry Cultivator and Harrow.

This tool is much liked by gardeners. It is carefully made and finished, has a high frame and the chisel-shape teeth cut an inch wide each. It may be set with teeth trailing, by simply changing one bolt in each tooth. The lever pulverizer is a capital addition for preparing ground. Hand levers regulate both width and depth while in motion; it contracts to 12 inches and expands to 32 inches. Price, plain, \$4.90; With Wheel, \$6.15; Complete, \$7.25.



"Iron Age" Farm and Garden Tools for 1899

The "IRON AGE" Garden Tools have become immensely popular, owing to their new and up-to-date construction. They are equipped with high, steel wheels, very light tubular frame, connected with malleable iron castings,—really bicycle construction, and in consequence they are exceedingly light, convenient, easy to handle and very handsome in appearance.

Orders for these Tools or for Seeds and Tools (Seeds not prepaid unless so offered on other pages) amounting to \$7.50 will be prepaid to any railroad station in the United States within five hundred miles of Chicago or New York.

The "Iron Age" Hill and Drill Seeder.

The "Iron Age" Hill and Drill Seeder is without question the most complete tool ever offered by the manufacturers of the "Iron Age" implements. It has only been placed upon the market after a most thorough experiment and field test. A glance at the cut seems only necessary to convince one of its many points of advantage. The wheel is 16 inches high, made of steel, with a two-inch tread. The Opening Plow is clog-proof and can instantly be adjusted. The Hopper is low, therefore the delivery of the seed is close to the ground, thus making possible accurate spacing. Capacity, four quarts. The Agitator is a revolving brush which makes it a sure feed and sows absolutely all of the seed accurately, and without injury. The distance of spacing the seed can be instantly changed by simply removing a small wheel at the side of the hopper and reversing it or by putting on another. It will drop at 4½, 6, 9, 12, 18 or 36 inches apart. The change from a Hill Dropper to a Row Drill can be instantly made or vice versa.

The amount of seed can be minutely adjusted by our patented cam index, one feature which has made our New Model so famous. The Coverers are firmly held in place by a spring, thus avoiding all danger of not covering. The wheel rolls and packs the soil. The flow of seed can instantly be stopped or started by a convenient finger-latch on the handle. Our patented marker can be changed in width by inches and when not in use can be thrown up out of the way. All in all, this "Iron Age" Drill is destined to surpass all other drills when its merits are known. It is light, strong, capacious, finely made, in fact, the most severe critics can find no fault with it. Like other "Iron Age" goods, it is sold on its merits.

Price, \$10.00.

The "Iron Age" Combined Seed Drill and Wheel Hoe.

We show our friends in this tool what is evidently the most complete implement of the kind ever offered; it seems to be a whole tool house in itself. It is a Seed Drill, a Double Wheel Hoe, a Single Wheel Hoe, a Cultivator, Plow and Rake. It is converted into a perfect Seeder by the drill attachment, which is quickly and easily placed in position and which is simple in operation, has no gearing, screws or springs to get out of order. The adjustment for various seeds is perfect. No machine of this class runs easier, owing to the light weight, tubular frame and high wheel. \$9.00.

The "IRON AGE" DRILL, (without cultivating attachments), \$6.50.

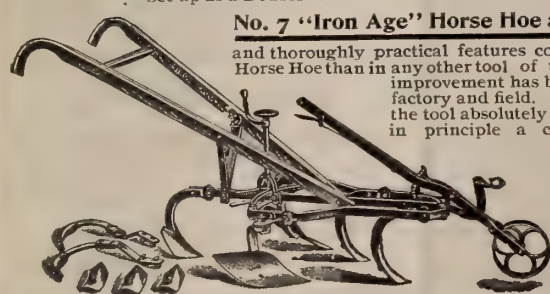
"Iron Age" Double Wheel Hoe.

Higher wheels, lighter tools and stronger castings have been called for by our customers who have used other Wheel Hoes. We have in this Hoe remedied such defects. We have made very light steel wheels, 16 inches in height; high arch, capable of working 20 inch plants, tubular frame, coupled to malleable castings, giving extreme lightness with freedom from breakage, wheels quickly adjusted to height without entirely removing the axle nuts; they not only can be placed inside the frame for working in narrow spaces, but an extra axle is sent out with each tool, making a perfect

Single Wheel Hoe. We emphasize this point strongly, as a single wheel is certainly preferable in all garden work, with the single exception of working astride the row. \$6.00.

Price, (as shown in illustration, without the Drill), \$6.00.

THE "IRON AGE" COMBINED MACHINE.
Set up as a Double Wheel Hoe.



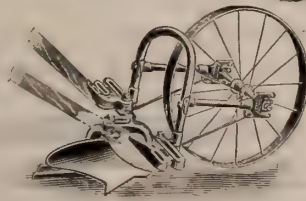
The No. 7 "Iron Age" Horse Hoe and Cultivator. Price, as in cut, \$8.75; without furrow closing attachment, \$7.50; with plain wheel, \$7.25.

The "Iron Age" Combined Harrow and Cultivator.

This Expanding Harrow, with its reversible diamond pointed teeth plays havoc with weeds and melloes the soil. One of the most effective horse tools for the garden, farm, or orchard. It has a light, open steel frame, while each tooth, being secured to the frame by a steel clip, can, by the simple loosening or tightening of a nut, be adjusted in depth, reversed, taken out, sharpened or replaced. Look out for cheaply put up imitations. Don't buy them.

\$4.00; Wheel, extra, 65c.; Rear Sweep, extra, \$1.00.

THE "IRON AGE" COMBINED HARROW AND CULTIVATOR.



"IRON AGE" DOUBLE WHEEL HOE. Showing the Land-side Attachment.

It being possible to attach a land-side Plow to the "Iron Age" Double Wheel Hoe makes the tool the more valuable. It is self-evident this attachment may be worked with two wheels, but works much better with one. It is easily attached, plows deep, throws a strong furrow and runs steadily. Price, \$8.00.



For a more detailed description of Iron Age Implements write for Special Catalogue.



The "Iron Age" Single Wheel Hoe, Cultivator, Plow and Rake.

This tool is in regard to the work done, almost a counterpart of the Double Wheel Hoe, and the same remarks as to its construction, extreme lightness and ease of operation will apply with equal force. \$4.50.

The "Iron Age" Double Wheel Hoe, shown with Double Weeder Attachment. Price, \$1.00. The Double Weeders break up all the lumps and crust, pulverize the soil and keep it level.



"Iron Age" No. 6 Horse Hoe and Cultivator

We can recommend to all of our customers as being one of the best tools made. It is strong, durable and well made. Adjustments are simple and easily made.

The No. 6 "Iron Age" Horse Hoe and Cultivator.—Price, as in cut, \$8.25; without Furrow Closing Attachment, \$7.00; with Plain Wheel, \$6.50.

Mole Trap.—Dean's Automatic Setting.
Price, \$1.25 each.

Leaf Mold.—For potting ferns and like plants. Bbl., \$1.50.
Peat.—For potting orchids, etc., per bbl., \$2.00.
—Imported English, used as above, 10 lbs., \$1.00.

PENCILS.

Wolf's Indelible.—For marking labels, Each, 10c.; doz., \$1.00, postpaid.

PLANT STAKES.

Green painted, tapering. Very neatly finished, of light wood; very useful for tying plants, shrubs, etc. 25 of one kind at the 100 rate.

Per Doz.	Per 100.	Light,	Per Doz.	Per 100.
1 1/2 ft...20c.	\$1.00	4 ft...65c.	\$1.00	
2 ft...25c.	1.50	5 ft...75c.	4.75	
2 1/2 ft...35c.	2.00	Heavy, 3 ft...70c.	4.50	
3 ft...50c.	3.00	4 ft...80c.	5.50	
3 1/2 ft...55c.	3.50	5 ft...\$1.00.	6.75	

Bamboo or Cane.—Can be cut to any size, 5 to 7 ft. long, per 100, \$1.00.

ROFFEA.—The best tying material for plants. Per lb., 25c.

LAWN RAKES.

Automatic Self Cleaning.—Twenty-six wood teeth. Each, \$1.00.

Hustler.—Twenty-four wire teeth, Each, 60c.

RUSTIC HANGING BASKETS.

Diameter bowl, each, 8-inch, 75c.; 9-inch, 85c.; 10-inch, 95c.; 11-inch, \$1.00; 12-inch, \$1.10; 14-inch \$1.50. Price on lots of 6 or more on application

RUSTIC STANDS.—Oblong, 26 inches high, 24 inches long, 8 inches wide, 6 inches deep. Each, \$3.00.
—28-inch high, 26 inch long, 9-inch wide, 7-inch deep. \$3.50.

SAWS.—Double Edge Pruning.—Holes are provided in the handle for attaching to a pole; 16-inch, 75c.; 18-inch, 85c., 20-inch, \$1.00

SCYTHE BLADE.—Best Dutchman, \$1.00.

—For Lawn.—Each, \$1.00.
—Scythe Snath.—Each, 85c.
—Stones, Talacre.—Imported, each, 20c.

SEED TRYER.—Pocket, nickel plated. \$1.25.

SHEARS.

Hedge.—Best imported English steel, 8-inch, \$1.50; 9-inch, \$1.75; 10-inch, \$2.00.

Border.—English, long handles, 8-inch, \$2.00; with wheel, \$2.50; 9-inch, \$2.25; with wheel, \$2.75.

Wiss' Pruning.—A first-class durable shear. No. 1. Price, each, \$2.10; by mail, postpaid, \$2.25.
" 2. " " 1.85 " " 2.00.
" 3. " " 1.60 " " 1.75.

Lee's Pruning.—Improved spring, each, 8-inch, \$1.20; 9-inch, \$1.40; if by mail, add 15c.

Sheep.—See cut. For trimming grass on edges and around flower beds, each, 50c. and \$1.00, according to size.

Vine Scissors.—Nickel plated, 8-inch, 75c.

SEA SHELLS.

White, for bordering flower beds, 100, \$2.00.

SPRINKLERS.

Scollay's Rubber.—Indispensable for Floral work and Window Gardening. Beware of imitations, this is the best. Large, \$1.00; if by mail, \$1.10; medium, 75c.; if by mail, 82c.; small, 60c.; if by mail, 65c.

Merrill's Rotary (Butterfly).—The cheapest and best sprinkler made. Each, 30c., postpaid.

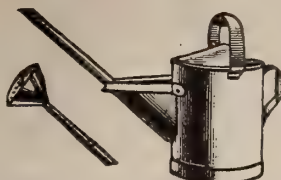
"Rain maker."—The best Lawn Sprinkler in the market, 50c.; postpaid, 60c.

Gray's Paris Green.—Best tin reservoir for strapping on back and distributing liquid Paris Green through spray. Each, \$3.75.

Boston Rose Spray Nozzle.—Brass, 3/4-inch hose, handy for sprinkling grass, etc. Each, 75c.; by mail, 85c.

GARDEN AND FARM TOOLS AND REQUISITIES.—Continued.

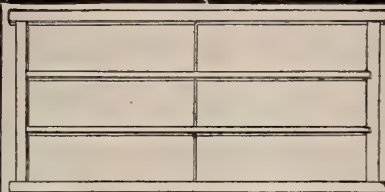
Prices given below do not include prepaying of charges except where noted.



WATERING POTS.

American.—Heavy galvanized round cans with copper-faced roses, long spouts.
4 quart, \$2.00; 6 quart, \$2.10; 8 quart, \$2.25; 10 quart, \$2.50; 12 quart, \$2.75.

French Style.—Oval; otherwise same make as above, 8 qt., \$2.40; 10 qt., \$2.85.



HOT BED SASH.

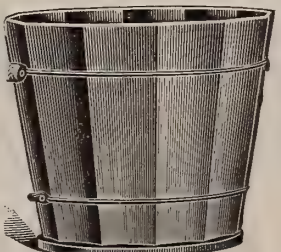
Unglazed, for 10-in glass, each, \$1.00; 3 for \$2.75; doz., \$10.75.
For 8-inch glass, each, \$1.10; 3 for \$3.00; doz., \$11.50.

PLANT BED CLOTH, FOR FLOWER BEDS.

Splendid cheap substitute for glass, answering many uses equally well. Light and easily shipped anywhere. It is of stout tarred muslin that sheds water; protects against weather.

20 yds. and upward.	50 yds. and upward.	100 yds. and upward.
Light, per yard, 5c.	per yard, 4 1/2c.	per yard, 4 1/2c.
Medium, " 8c.	" 7 1/2c.	" 7 1/2c.
Heavy, " 12c.	" 10 1/2c.	" 10 1/2c.

We do not sell less than 20 yards of a kind, as it is made in pieces containing 40 and 65 yard lengths.



COLUMBIAN FLOWER TUBS.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape, held together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handles.

Natural varnish finish on the wood, or if wanted can finish in oil paint. We carry them in five sizes, as follows:

12 by 11 inches.....	Each, \$1.00;	3 for \$2.75.
15 by 14 ".....	1.50;	3 for 4.00.
18 by 16 1/2 ".....	2.00;	3 for 5.25.
21 by 18 1/2 ".....	2.50;	3 for 6.75.
24 by 20 1/2 ".....	3.00;	3 for 8.00.

LABELS.

LABEL GLASSES.—Per doz., 35c.; per 100, \$2.50.

Wooden Labels.—For Pots, painted 4-inch, per 100, 15c.; per 1000, 75c.; 6-inch, per 100, 25c. Prices on larger sizes given on application.

SYRINGES.

BRASS.—14-inch, 2 spray and 1 straight stream, for small greenhouses or window, \$2.75.

No. 5, Greenhouse Syringe.—18-inch barrel, \$5.75. This is an excellent tool, strong and highly finished.

ENGLISH.—Brass, 18-inch barrel, with two different sprays and one stream, \$4.00.

WEEDERS.

Combination.—Each, 25c.; by mail, 35c.

—**Noyes'.**—Each, 25c.; 6 for \$1.20; by mail, each, 30c.

—**Hazeltine.**—Of the best, solid steel, good size and durable. Each, 20c.; if by mail, 25c.; per doz., \$2.10.

—**Excelsior.**—A very useful little tool. For weeding seed beds, stirring the ground, etc. Each, 10c. by mail, 15c.; 6 for 50c.; doz., 90c., not prepaid.

—**Lang's Hand.**—Allows use of hand in working. Each, 20c.; if by mail, 25c.; per doz., \$2.25.

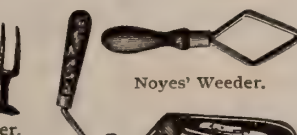
Hand Weeding Fork.—Imported, each, 50c.; by mail, 60c.



Combination Weeder.



Excelsior Weeder.



Noyes' Weeder.



Lang's Weeder.

Self-closing Tomato Support.—This device pays for itself in season. Each, 15c.
WHEELBARROW.—Best for garden, \$4.00.

THISTLE CUTTERS.

Narrow blade, with handle; for removing thistles or weeds from lawns. With foot-rest, 50c.

THERMOMETERS.

These cannot be sent by mail.

Tin Case.—8-inch, each, 15c.; 6 for 75c.

Cabinet.—Wood case, 50c.; 3 for \$1.35.

Imported German.—All glass, very accurate, for propagating and hot beds, \$1.00.

American Hot Bed.—Brass Point, wooden frame, \$3.00.

Self-Registering.—With magnet to set it, 8-inch, each, \$2.75. Registers highest and lowest temperature.

TRANSPLANTERS.

The Avery.—Plants removed by it do not wilt. Price, single-hand size, each, 50c.; by mail, 60c.; large two-hand size, \$2.00.

TRELLISES.

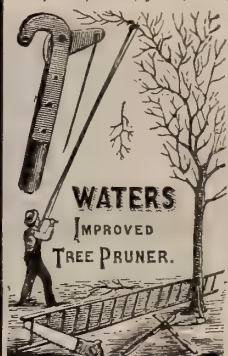
Fan Shaped.—18-inch, 15c.; 3 for 40c.; 24-inch, 20c., 3 for 50c.; 30-inch, 25c., 3 for 60c.; 3 1/2 ft., 21-inch wide, 40c., 4 ft., 27-inch wide, 50c.; 5 ft., 32-inch wide, 60c.; 6 ft., 38-inch wide, 70c.; 7 ft., 42-inch wide, 80c.

Veranda.—18-inch wide, 5 ft., 55c.; 6 ft., 65c.; 7 ft., 75c.; 8 ft., \$1.00; 9 ft., \$1.10; 10 ft., \$1.25.

TREE PRUNERS.

Water's.—See cut. Length of pole, 4 ft., 50c.; 6 ft., 75c.; 8 ft., 90c.; 10 ft., \$1.00; 12 ft., \$1.10.
Extra knives, each, 20c.

Lee's New Pole Tree Pruner.
Can be placed on a pole of any size. Price, each (without pole), \$1.00.



WATERS IMPROVED TREE PRUNER.

TURF EDGER.

American. See cut. Each, 50c.



AMERICAN.

TROWELS.

Vaughan's Steel.—Absolutely the best Trowel in the World. It is of one solid piece of steel, and will outwear several of the ordinary sort. Each, 50c.; 3 for \$1.40. Postpaid, each, 60c.



CLEVES' GARDEN TROWEL

Cleves' Angular.—By mail, 25c.

Ordinary Garden Trowel.—6-inch, each, 12c.; prepaid, 20c., half doz., not prepaid, 60c.; 7-inch, each, 15c.; prepaid, 23c.; half doz., not prepaid, 80c.; 8-inch, each, 20c.; prepaid, 28c., half doz., not prepaid, \$1.00.

Imported English Steel.—Light, and very durable, 6-inch, 25c.; 7-inch, 30. By mail, add 10c.

Trans-planting Trowel.—Each, 50c.; if by mail, 60c.

Concentrated Manures.

See page 109.

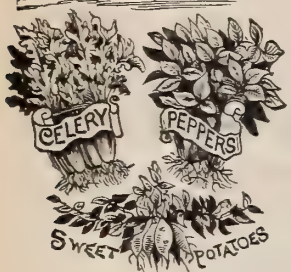
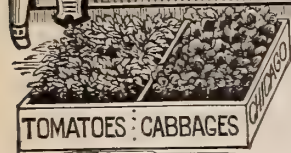


Do you wish a Nice Lawn?

A simple and effective device for removing weeds of all kinds from the lawn. Easy to operate and does not injure the sod. Operated without stooping, which saves many a backache. A child of 10 years can use it. The tines are plunged in the ground about the root, and one simple twist of the wrist and a pull does the business. Removes root and branch. Made with and without a foot pressure step, * the latter being useful when the ground is very hard.
Price, postpaid, 65c.; by express, 50c.
Price, postpaid, with step * 75c.; by express, 60c.

Use B's Weed Extractor.

VAUGHAN'S TRANSPLANTED VEGETABLE PLANTS



These prices are for shipment from Chicago. Send for prices to our New York store if shipment is to be made from there.

THESE plants are grown from seed supplied by us, thus insuring genuineness of all the plants we offer. They are grown especially for our shipping trade and our method of packing is unexcelled. Our experience and knowledge enables us to SHIP IN THE RIGHT CONDITION AND AT THE RIGHT TIME, WELL PACKED AND ON SHORT NOTICE. Such knowledge is valuable to every buyer who can ill afford to take any risk of delay or of receiving poor plants in poor condition, when the season demands prompt work. PRICES DO NOT INCLUDE PREPAYMENT BY MAIL. If wanted by mail add 6c. per doz.; 12c. for 50; 20c. per 100.

Send for our Special Summer Price List of Cabbage, Celery and Cauliflower Plants, ready by June 1.

Cabbage, Early.—Ready April 20. Extra Early Wakefield, All Seasons, Early All-Head, Early Spring and Extra Early Red Erfurt. Per 1,000 \$4.25; 100, 55c.; 50, 35c.; doz., 15c.

Cauliflower, Early.—Ready April 15. Snowball and Extra Early Erfurt. Per 1,000, \$6.00; 100, 75c.; 50, 45c.; doz., 20c.

Cauliflower, Second Early.—Ready May 1. Snowball and Extra Early Erfurt. Per 1,000, \$5.00; 100, 60c.; 50, 35c.; doz., 15c.

Celery, Early.—Ready June 1. White Plume, Golden Self-Blanching, Giant Golden Heart, Pink Plume and Turnip-Rooted. Per 1,000, \$4.00; 100, 50c.; 50, 30c.; doz., 15c.

Chives.—Clumps by express, 10c.; doz., \$1.00. By mail, 10c. each extra.

Egg Plant.—Ready May 15. New York Improved Purple; Per 100, \$1.00; 50, 60c.; doz., 20c.

Horseradish Sets.—100, 75c.; 500, \$3.00. 50, 50c., postpaid.

Hop Roots.—Plant early. Doz., 20c. By mail, add 5c. doz.

Pepper.—Ready May 15. Bell or Bull Nose, Sweet Mountain, Extra Ruby King and Cayenne. 100, \$1.00; 50, 60c.; doz., 20c.

Rhubarb Roots.—Seedlings. Each, 10c.; doz., \$1.00. postpaid. Clumps, 15c. each; doz., \$1.25, by express.

Sweet Potato.—Ready May 15. Extra Early Carolina, Yellow Nansemond and Red Jersey. 1,000, \$2.50; 100, 35c.; 50, 20c.

Tomato.—Ready May 15. Acme, New Stone, Dwarf Champion and Beauty. Per 1,000, \$7.00; 100, \$1.00; 50, 60c.; doz., 15c.

RARER VEGETABLES AND HERBS.



HOW TO
COOK
AND USE.

A Boon to
Housewives.

Many of the rarer vegetables—especially those imported from France and Germany—are comparatively little known to the American housewife. In order that the true delicacy and distinctiveness of flavor of these choice kinds may be best secured and appreciated, we have prepared a Cooking pamphlet. This book contains a collection of the best recipes for the preparation and cooking of these rare and odd vegetables. We also give other excellent, but less known recipes for cooking the older varieties, with some notes regarding the use of herbs and plants for the flavoring or garnishing of other dishes. Price, heavy paper cover, 25 cents, or free to every customer who buys seeds to the amount of \$2.00 or upwards and asks for same. Bound in linen, 40c.

Hyacinths, Tulips, Daffodils, Crocus, Etc.



FOR FALL PLANTING.

We import each season several carloads of these Bulbs and are in a position to supply the best of qualities at lowest possible rates.

About September First we issue our complete Illustrated Autumn Catalogue.

Please mention the fact on your Spring order that you desire a copy mailed as soon as issued, or ask us on a postal card in the Fall.

RURAL BOOKS.

Art of Propagation. Treats of trees and plants.....	\$0 30
Asparagus Culture. Barns & Robinson; cloth.....	50
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Bee Culture, A B C of. A. I. Root.....	1 25
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Broom Corn and Brooms. Illustrated; cloth.....	30
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Cabbage, Treatise on. Gregory.....	30
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Celery Manual. Vaughan's; paper.....	50
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Garden Making. Illustrated; by Prof. Bailey.....	1 00
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Ye Narcissus. A beautifully illustrated book on all the varieties.....	35

ALBUM für Teppichgärtnerel und Gruppen Bepflanzung. SECOND EDITION. With 287 plans for carpet beds, flower and foliage plant groups, 336 illustrations and 947 different ways of planting beds; in elegant, durable cover. Text, German; names Latin. Price, \$3.25.

Concentrated Manures or Fertilizers. *

We earnestly request you to examine the analysis of our brands and compare them with other goods on the market. If you will look into this systematically we feel sure you will know where to place an order.

Trees, vines, plants and grass require food; cannot live on air and water alone. New soil may contain sufficient food for the growth of several crops, but a shortage of one or more food elements soon appears; unless what is taken off in crops is replaced by manure and Fertilizer, there is not only a decreased yield, but the plant becomes unhealthy and stunted in

WHILE THE ADVANTAGES of fertilizing are well understood in the East, the question as to its paying is frequently brought up by western farmers. They say their lands are not yet so poor as to require a fertilizer—but they will admit that forty bushels of wheat was no uncommon average yield a few years ago—while twenty is the exception now—showing that the fertility of their land is being reduced. It takes as much work, as much seed and as favorable conditions to raise twenty bushels to the acre as forty. Add the proper amount of available plant food to make up the deficiency between the requirements of twenty and forty bushels, and the heavier yield will return. This can be done at small expense and with great profit by the judicious use of fertilizers, even on land of more than average fertility. It is easier and less expensive to keep land in good condition by a little attention each year, than to bring it back to fertile condition when once it has run down. This applies to all other farm and garden crops.

growth. Farm animals to thrive require plenty of well-balanced food. Fruit trees and vines to thrive require plenty of well-balanced food. Field and garden crops to thrive require plenty of well-balanced food. If the food is not in the soil of the orchard or field it will have to be put in. If it is there it will have to be kept there, if profitable crops are to be grown from year to year. The necessary elements of plant food which are likely to be exhausted are Nitrogen, Phosphoric Acid and Potash. Plants will die if all these elements are not present in the soil. Barnyard manure and Commercial Fertilizers both contain these elements. Commercial Fertilizers contain them in more concentrated, available, better balanced form. Barnyard manure is out of balance—does not contain enough of the mineral elements. When the Orchardist or Farmer buys barnyard manure or Commercial Fertilizers he is buying a certain number of pounds of Nitrogen, Phosphoric Acid, and Potash, of certain availability contained in a ton of product. The more pounds of these elements there are in a ton, the greater the value of the ton to him. The agricultural value of these elements depends largely upon their chemical form. There are great differences in Fertilizers as there are in every kind of merchandise.

These fertilizers contain, in concentrated form, the plant food needed to grow the most nutritious farm products in largest quantity per acre at lowest possible cost in time, labor and money. They are quicker in their action than farm manures, maturing crops earlier; do not leach, do not contain weed and wild grass seeds, are from fifteen to twenty-five % as strong in plant food as the best manures and are the closest approach, chemically, to farm manures of any Fertilizer made.

Vaughan's Manure for the Home Garden.

This is suited for all kinds of flowers, vegetables and the lawn, being a high-grade, complete Fertilizer, just what is needed to make plants grow and bloom and produce fine vegetables. Price, 5 lb. box, 30c.; 10 lbs., 50c.; 25 lb. bag, \$1.00.

The Field — — and Garden

Is the title of a booklet on Fertilizers with some general suggestions for the culture of the more important Field and Garden crops. We will mail a copy FREE to those who ask for it.

Clay's Fertilizer.

This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. It should also be used in potting soil and as a top dressing. Price, 5 lbs., 50c.; 10 lbs., 80c.; 25 lbs., \$1.85; 50 lbs., \$3.25; 100 lbs., \$6.25.

Guano, Peruvian, Guaranteed.—A standard fertilizer. Price, 5 lbs., 40c.; 10 lbs., 70c.; 50 lbs., \$2.75; 100 lbs., \$5.00. Write for price on larger lots—subject to market changes.

BONE, BLOOD AND POTASH.

This is our best brand of concentrated manure, suitable for lawns and flowers as well as the vegetables mentioned below. It is of exceptional value and will prove a money maker to every farmer or gardener that uses it.

To be Used on

Hops.....	at the rate of 200 to 500 lbs. per acre
Essex Rape.....	" " 200 to 500 lbs. "
Asparagus.....	" " 1000 lbs. "
Beans.....	" " 400 to 800 lbs. "
Beet.....	" " 500 to 1500 lbs. "
Cabbage.....	" " 400 to 1500 lbs. "
Carrot.....	" " 300 to 800 lbs. "
Celery.....	" " 500 to 700 lbs. "
Cucumber.....	" " 400 to 800 lbs. "
Egg Plant.....	" " 500 to 1000 lbs. "
Lettuce.....	" " 500 to 1000 lbs. "
Onion.....	" " 500 to 1500 lbs. "

Price—25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.75; 1000 lbs., \$17.75; 2000 lbs., \$35.00.

Bone Meal.—A good article. 5 lbs., 20c.; 10 lbs., 35c.; 25 lbs., 60c.; 50 lbs., \$1.00; 100 lbs., \$1.75; 200 lbs., \$3.00; 500 lbs., \$7.00; 1000 lbs., \$14.00; 2000 lbs., \$27.00.

SULPHATE OF POTASH.

A desirable form of potash to be used on all crops, but especially on tobacco, hops, potatoes, flax, sugar beets, cabbage or cauliflower. Use 50 to 400 pounds per acre. 100 lbs., \$3.50; 200 lbs., \$6.75; 500 lbs., \$15.50; 1000 lbs., \$30.00; 2000 lbs., \$58.50.

SHEEP MANURE.

This is a pure, natural Manure, and the most nutritious food for plants. Its effect is immediate; much more lasting and healthy than guano or any other manure. It is the best of all manures for mixing with the soil for greenhouse plants—one part manure and six parts soil. Strewn over and dug into the vegetable garden or placed directly in drills or hills, it promotes a rapid, steady growth until maturity; all culinary vegetables reach their highest quality only when growth is rapid and unchecked. It makes the richest, safest and quickest Liquid Manure, rivaling guano, without any deleterious effects. For use in liquid form, one pound to five gallons of water will make a dark liquid which can be used with safety daily if necessary. As a Lawn-Top Dressing it is unequalled. Price, in bags of about 100 lbs. Per 50 lbs., \$1.25; 100 lbs., \$2.35; 300 lbs., \$6.50; if shipped from New York. Per 50 lbs., \$1.10; 100 lbs., \$2.00; 300 lbs., \$5.00, if shipped from Chicago. Smaller lots, 5 lbs., 25c.; 10 lbs., 45c.; 25 lbs., 75c., by express.

Vaughan's "ROSE GROWER" Bone Meal.

hence acts quickly. Free from acid, very white in appearance, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the Bone Meal made from cattle heads and feet gathered upon the Western prairies. Our "Rose Grower" bone has been slightly steamed to soften it so it can be ground fine, and is thus quicker in its action. The finer bone is ground, the quicker the mild acid thrown out by the tiny roots of the plants can dissolve the bone and make use of it as food. A finely ground bone can also be more evenly distributed through the soil. ANALYSIS.—Ammonia, $\frac{4}{10}$ to $\frac{5}{10}$ %; total phosphoric acid, 22 to 25%; total bone phosphate, 48 to 54%. Price, 5 lbs., 25c.; 10 lbs., 50c.; 25 lbs., 75c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50; 500 lbs., \$8.00; 1000 lbs., \$15.50; 2000 lbs., \$30.00. **Quantity required.**—For permanent pasture and mowing lands, $\frac{1}{2}$ to 1 ton per acre. For trees and vines, 2 to 4 quarts each. For top-dressing, 1,000 to 1,500 lbs. per acre. Field & garden crops, $\frac{3}{4}$ to 1 ton broadcast & harrowed in. Rose beds, plants, 1 part to about 50 of soil.

MARKET GARDENING.

The value of Commercial Animal Fertilizers to the market gardener cannot be over-estimated. Given a good location and proper Fertilizers, their cost is insignificant. They greatly increase not only the yield, but also its quality, and, what is of immense importance, they push the crops rapidly forward to maturity, getting them into market early, and thus insuring a better price. The market gardener should carefully consider the cost of applying plant food. The repeated production of maximum crops of garden truck with a Fertilizer in the form of compost, or rotted stable manure, requires a vast amount of labor compared with that necessary to supply this food in a concentrated form. Frequently the cost of producing and applying the compost will more than pay for the necessary amount of commercial Fertilizer, and the average compost is filled with weed seeds, which cause great annoyance.

Vaughan's High Grade *** Truck and Farm Manure.

To be Used on

Rhubarb.....	at the rate of 500 to 1000 lbs. per acre.
Tomato.....	" " 500 to 1000 lbs. "
Strawberries.....	" " 500 to 1000 lbs. "

Guaranteed Analysis.

Nitrogen.....	4.11 to 4.94 per cent.
Ammonia.....	5 to 6 "
Total Phosphoric Acid.....	10 to 12 "
Available Phosphoric Acid.....	8 to 10 "
Water Soluble.....	6 to 8 "
Potash, Sulphate.....	12½ to 14½ "
K2 O.....	7 to 8 "

Horn Shavings—5 lbs., 40c.; 10 lbs., 70c.; 25 lbs., \$1.25; 100 lbs., \$3.50.

MURIATE OF POTASH.

A form of Potash salts to be used with Bone Meal, Bone and Blood or farm manures on fruits, celery, asparagus, corn, oats, turnips, cucumbers, grapes, buckwheat, carrots, onions, barley, peas, wheat, clover, beans and rye. Must not be used on hops, potatoes, tobacco, flax, sugar beets, cabbage or cauliflower, as it is injurious. 50 to 400 pounds per acre. 100 lbs., \$3.00; 200 lbs., \$5.80; 500 lbs., \$14.00; 1000 lbs., \$27.50; 2000 lbs., \$53.00.



BONE AND BLOOD.

For Cabbage, Cauliflower, Corn and other crops of big surface growth; not desirable for root crops except it is used in connection with potash salts, or hard wood ashes, and if so used it is especially adapted to fruits, if applied early. For garden crops drill in from 300 to 500 lbs., per acre. Price, 25 lbs., 50c.; 50 lbs., 85c.; 100 lbs., \$1.50; 200 lbs., \$2.80; 1000 lbs., \$12.50; 2000 lbs., \$24.00.

Nitrate of Soda. Should be sown broadcast and it is very important to sow it evenly. 25 lbs., \$1.00; 50 lbs., \$1.85; 100 lbs., \$3.25; 200 lbs., \$6.25; 500 lbs., \$14.00; 1000 lbs., \$27.00; 2000 lbs., \$55.00.

Land Plaster or Gypsum.—Bbl. of about 300 lbs., \$2.00; 5 bbls., \$9.00.

Bowker's Plant Food.—Small pkt., contains food for 20 plants for 3 months. 15c., 3 for 40c.; if by mail, add 5c. per pkt. Large pkt., contains sufficient food for 1 year. 25c.; 3 for 65c.; if by mail, add 15c. per package.

TRUCK MANURE.—"All Soluble."

This brand has been prepared for such crops as require an extra quick, strong fertilizer, should be mixed well into the soil. Adapted for tobacco, hops, potatoes, flax, sugar beets, early cabbage, cauliflower, celery, fruits, etc., also very effective as an early top dressing for strawberries, suitable for all soils (except sour.) Quantity of pounds to be used per acre—Corn, 300 to 500; Flax 200 to 300; Hemp, 200 to 300; Clover, 200; Timothy, 200; Pastures, 200 to 600; Early Cabbage, 400 to 800; Melons 400 to 800; Peas, 400 to 800; Pumpkin, 300 to 600; Squash, 300 to 600; Radish, 500 to 1000; Spinach, 500 to 1000.

Guaranteed Analysis.—Nitrogen, 2.88 to 3.70%; Ammonia, $\frac{3}{10}$ to $\frac{4}{10}$ %; Total Phosphoric Acid, 10 to 12%; Available Phosphoric Acid, 8 to 10%; Water Soluble Phosphoric Acid, 2 to 4%; Potash, Sulphate, 7.40 to 9.25%; Potash, K2 O, 4 to 5%. Price, 25 lbs., 70c.; 50 lbs., \$1.25; 100 lbs., \$2.00; 200 lbs., \$3.50; 1000 lbs., \$15.50; 2000 lbs., \$30.00.

FRUIT AND ROOT CROP MANURE.

For fruit trees and small fruits, garden truck, tobacco, etc. Quick in starting, lasting in effect, giving firm, healthy growth and developing the fruit. Quantity of pounds to be used per acre—Beet, 500 to 1500; Carrot, 300 to 800; Parsnip, 400 to 1000; Potato, 500 to 1000; Sage, 200 to 600; Salsify, 500 to 1000; Turnip, 500 to 1000; Blackberries, 400 to 800; Grapes, 400 to 500; Strawberries, 500 to 1000. Price, 25 lbs., 60c.; 50 lbs., 95c.; 100 lbs., \$1.65; 200 lbs., \$3.25; 500 lbs., \$7.00; 1000 lbs., \$13.50; 2000 lbs., \$27.00.

Guaranteed Analysis.—Nitrogen, 1.65 to 2.46%; Ammonia, 2 to 3%; Total Phosphoric Acid, 10 to 12%; Available Phosphoric Acid, 8 to 10%; Potash, K2 O, 5 to 6%.

EGGS OF FANCY POULTRY---POULTRY SUPPLIES.



FAC SIMILE REPRODUCTION OF COVER OF AMERICAN POULTRY JOURNAL, CHICAGO.

BLACK LEGHORNS.—Well known, fine general purpose fowl. They are genuine egg producers. 13 eggs \$1.50; 30 for \$2.75.

WHITE PLYMOUTH ROCK.—They have all the good points of the Plymouth Rock breed. Their white plumage is very attractive. They are prolific layers and good mothers. A money making breed. 13 eggs \$1.50; 30 for \$2.75.

WHITE WYANDOTTES.—A hardy breed, excellent layers and good mothers. As a general purpose all round fowl, including chicken pot pie, there are few better. 13 eggs \$1.75; 30 for \$3.50.

THE SANITARY FOUNTAIN.—With many fountains you are obliged to wait for the water to gurggle in through a small opening, taking minutes in some cases to fill; with the Sanitary you can do it in as many seconds, as it has an opening six inches square; or the body can be used as a dipper. Price 1 gallon, each, 50c.; per dozen, \$5.50. 2 gallon, each, 85c.; per doz., \$9.00.



BONE MILLS.

WILSON'S.—No. 1, weight 35 lbs., \$3.75; (3 for \$11.00). No. 1, with iron legs, 65 lbs., \$5.75. No. 0, Family Grist Mills (3 for \$11.30), \$3.85. Green Bone Mill, No. 1, hand size for grinding bone right from butcher, \$12.75.

CROWN BONE CUTTER.—Cuts easy, fine and fast, 20 lbs. per hour. Has steel knives which can be taken out and sharpened. Diameter of hand wheel, 22 in.; weight without stand, 50 lbs.; price, \$7.00. With stand, 80 lbs.; price, \$8.00 at Chicago or New York. Write for Illustrated Circular of Bone Mills.

POULTRY MARKER.—A handy little punch for the web in the foot. Invaluable because the breeder can recognize his birds at a glance. Price, 25c., postpaid.

Ground Charcoal.—Price, 1 lb., 5c.; by mail, 20c.; by freight, 5 lbs., 20c.; 10 lbs., 30c.

ZUCKER'S MEDICAL EGG.

Poultry and Birds Freed From Vermin.

A perfect imitation of a natural egg, made of Clay and other Minerals thoroughly burned, leaving it in a porous condition. The shell is saturated with a powerful disinfectant, and retains its wonderful medical properties for months. It will KILL and drive away MITES, LICE or any other VERMIN that may be on the fowl or in the nest. For birds, place one egg in the cage and in a remarkable short time the bird will be free from the pest. The Medical Egg also takes the place of a china egg, thus avoiding the expense. Each, 12c.; by mail postpaid, 15c.; dozen, \$1.25; by mail postpaid, \$1.60.

We supply fresh eggs and true to name, and forwarded by express, carefully packed, but we do not guarantee any number to hatch.

PARTRIDGE COCHINS.—Rich plumage, large fowls, good layers in winters. A profitable breed to cross with ordinary barn-yard breeds. We recommend them for this use. Very hardy, thriving in the smallest yards. Price, 13 eggs \$1.50; 30 for \$2.75.

BUFF COCHINS.—Much like the above except in color; favorites in village yards. Price same as above.

SILVER LACED WYANDOTTES.—A No. 1 general purpose breed, handsome, hardy, commence laying early, hens are good setters and mothers and their flesh is the very best. Price, 13 eggs \$1.50; 30 for \$2.75.

BROWN AND WHITE LEGHORNS. SINGLE COMB.—Matures very early, pullets begin to lay when four or five months old; good table fowls. Price, brown or white 13 eggs \$1.50; 30 for \$2.75.

BROWN AND WHITE LEGHORNS. ROSE COMB.—Similar to the above except the comb. Price the same.

BUFF LEGHORNS.—Leghorns are famous egg producers and these are the best layers of all the Leghorn types. Handsome birds, mature early, yellow skinned, the young chicks seldom die. 13 eggs \$1.50; 30 for \$2.75.

BARRED PLYMOUTH ROCKS.—An American breed and one now fixed as a standard for the farmer. For size, meat and laying qualities rarely excelled. Clean yellow skin and legs. Price, 13 eggs \$1.50; 30 for \$2.75.

BLACK MINORCAS.—Of good size, hardy, easily raised, very prolific layers, eggs large. 13 eggs \$1.50; 30 for \$2.75.

WHITE FACED BLACK SPANISH.—These are the dandy layers, splendid showy fowls in the yard. 13 eggs \$1.50; 30 for \$2.75.

BUFF PLYMOUTH ROCK.—Their rich buff color, yellow legs, and handsome style makes this the best of the class. 13 eggs \$1.85; 30 for \$3.50.

LIGHT OR DARK BRAHMAS.—Make fine large broilers in about two months, excelled by no other breeds in this respect. 13 eggs \$1.50; 30 for \$2.75.



INDIAN GAME. Of very quick growth, sometimes growing a pound per month. Good layers, good table birds and of very handsome appearance. 13 eggs \$1.85; 30 for \$3.50.

SILVER SPANGLED HAMBURG.—Very handsome, excellent layers, combine use and beauty to a high degree. 13 eggs \$1.75; 30 for \$3.50.

MAMMOTH BRONZE TURKEYS.

The most profitable breed for market, good layers. Well grown gobblers 2 years old will weigh 25 to 35 lbs. 13 eggs \$2.75; 27 for \$5.25.

PEKIN DUCKS. WHITE.—Rankin's true improved strain. This is the best bred type and the best laying duck known. They will weigh when fat six to seven pounds each. Price, 13 eggs \$1.75.

COPPER LEG BANDS.—Numbered 1 to 100 (if not ordered otherwise) 100 for 80c., postpaid; 500 for \$3.50, by express prepaid.

"RELIABLE" EGG CARRIER.—With handle; holds 12 dozen eggs, each, 50c.

THE M. S. POULTRY FENCING.

This fence is not only strong, but 50 per cent. cheaper than any other netting. It requires only one fourth the number of posts and neither top or bottom rail. It positively will not sag or buckle, it is neat, elastic, durable and cheap, it is made of the best No. 19 galvanized wire, smoothly and finely woven (see illustration), and retains its full height after as well as before, it is stretched. Beginning at the second foot 2 1/4 inches, and above that, 3 1/4 inches. It is put up in 10 to 20 yards rolls. We do not cut rolls.

Price, Per Rod: 48 inch, 50c.; 60 inch, 62c.; 72 inch, 75c. Special prices made for large quantities.

Slug Shot.—Sure death to hen lice. Non-poisonous and harmless to all creatures except insect life. 1b., 10c.; postpaid 25c., 5 lbs., not postpaid, 30c.; 10 lbs., not postpaid, 50c.

Mann's Green Bone Cutter No. 1.—With balance wheel, on iron stand; weight, 80 lbs., \$10.00.

Mann's Swinging Feed Trough.—Small, each, \$1.00; Medium, \$1.25; Large, \$1.50.

All Other Poultry Supplies we are prepared to make prices on, write us.



BARRED PLYMOUTH ROCKS.



SILVER LACED WYANDOTTES.



LIGHT BRAHMAS.

HAVEN'S CLIMAX CONDITION POWDER.—It cures disease and keeps stock and fowls healthy. Price, 14-oz. package, 25c.; by mail, 15c., extra for postage. 5-lb. box (equal to 8 packages), \$1.00.

RUST'S EGG PRODUCER.—Makes the eggs plentiful and keeps the fowl vigorous and healthy. Full directions on each box. 1-lb. box, 25c.; 2 1/2-lb. box, 50c.; 6-lb. box, \$1.00. If by mail, add 16c. per lb. for postage.

RUST'S HAVEN'S ROUP PILLS.—They are entirely free from everything harmful and are believed to be the best remedy ever discovered for roup, catarrh and colds. Price, 25c. per box of 48 pills, by mail, postpaid.

CRUSHED OYSTER SHELLS.—Bbl. 275 lbs., \$2.50; 3 bbls. for \$7.00; 100 lbs., \$1.00; 50 lbs., 65c.; 25 lbs., 40c.; 5 lbs., 15c.

COARSE GROUND BONE.—Price, 5 lbs., 25c.; 25 lbs., 70c.; 50 lbs., \$1.30; 100 lbs., \$2.50; 200 lbs., \$4.50.

PEARL CRIT.—Pure, per 100 lbs. \$1.10; 500 lbs., \$4.75; 1000 lbs., \$9.00.

MEAT MEAL.—Per 100 lbs. \$2.00; 500 lbs., \$9.00; 1000 lbs., \$16.00; 2000 lbs., \$30.00.

MEAT and BONE.—Per 100 lbs., \$2.00; 500 lbs., \$9.00; 1000 lbs., \$16.00; 2000 lbs., \$30.00.

A BEAUTIFUL LAWN, with its close velvety turf, is a most essential feature in the adornment of all suburban homes —without it the finest flowering plants and bedding seem insignificant, while with it handsome grounds are assured, even with no other adornment. Second only to that prime requisite, GOOD SEED, is time of sowing, quantity to use, preparation of soil, careful watering, etc.

OUR CHICAGO PARKS

LAWN SEED • •

to the detriment of a good lawn, but only those of lasting value and hardiness, which when once established need no reseeding for years.

If to go by mail add 8 cents per pound.

Quantities to Use and Prices

[illegible]

Lawn Seed as a rule is sold by the *quart*, which is the most profitable way to the seedsman, for the more chaff there is in the seed, the more money he will make in this way. We have always supplied it by the *pound*, which is equal to about three pints, and it is easy to be seen that if we furnish a *pound* at the same price as lawn seed can be bought for by the *quart*, that our customers will get more for their money.

KENTUCKY BLUE GRASS.—Many prefer this to a mixture of grasses, and the fact cannot be denied that a lawn of Blue Grass only is magnificent; it takes longer however to get it established.

Fancy clean seed. Per lb., 20c.; 3 lbs. for 50c.; bushel, (14 lbs.) \$2.00; 5 bush., \$9.00.

RED TOP GRASS. (*Fancy clean seed.*) Per lb., 30c.; 4 lbs. for \$1.00.

Red Top Grass. (*Choice seed.*) Per lb., 20c.; 5 lbs., 75c.

Where an immediate effect for one season is desired there is none better than the Red Top Grass, as it comes up quickly and makes a beautiful lawn, but the grass is liable to winter-kill.

WHITE CLOVER. (*Extra choice seed.*) Lb., 25c.; 3 lbs., 65c.; 5 lbs., \$1.00.

Add 8c. per pound to above prices if wanted by mail.

SPECIAL QUOTATIONS.

We shall be pleased to quote special prices to golf clubs, institutions, parks and others who require Lawn Grass and Clover seeds in large quantities.



How to Make a Lawn.

Is fully described in our new pamphlet, which will be given free with every package of Lawn seed.

A LAWN GRASS

MIXTURE

FOR SHADED PLACES

AND LIGHT SOILS.

Columbian Lawn Grass Mixture.

Especially prepared for light soils and shaded situations. This mixture was extensively used on the World's Fair Grounds, where we furnished large quantities of this seed to the landscape department, and where it gave splendid results. Mr. Ulrich, superintendent of that department, expressed his satisfaction in the most flattering terms with the quality of our seed and its excellent results.

PRICE: Per lb., (Enough for a space
15x15 feet) 25c.; 3 lbs., 65c.;
5 lbs., \$1.00; 10 lbs., \$1.75;
20 lbs., \$3.25; 50 lbs., \$7.50;
100 lbs., \$14.00.

*If to go by mail add 8 cents per lb.
for postage.*

Vaughan's "Golf Link" Grass Seed.

This is a special mixture of the finest grasses, that will stand the wear and tear and retain its rich velvety green appearance. Price, per lb., 25c.; 5 lbs., \$1.00; 50 lbs., \$9.50; 100 lbs., \$18.00. Special price on larger lots.

LAWN FERTILIZER.

LAWN FERTILIZER.

Lawn grass is a voracious feeder and will not thrive and hold its beautiful dark green color and velvety appearance unless it receives a sufficient supply of suitable food. Because so few appreciate this fact is the reason there are so many poor, rusty-looking lawns. Stable manure is unpleasant to handle, ill-looking and decidedly odorous, and is also full of waste material, and it contains weed seeds which are obnoxious, and it often takes years to eradicate the weeds, causing an unnecessary amount of labor. All these objections are obviated by the use of our **Lawn Fertilizer**, and if **Vaughan's Lawn Seed** is used there is no excuse for a bad lawn. If the lawn is in fair condition it is only necessary to rake off the dead leaves and grass in the early Spring and scatter broadcast over its surface some of our **Lawn Fertilizer** with a little of our **Chicago Park Lawn Seed** over the thin spots, and the work is done.

This fertilizer is non-odorless, dry, fine and easy to apply. Two or three applications during a season, just before a rain or water^{dg}, at the rate of one pound to each 100 square feet of grass keeps it in a flourishing condition and enables it to withstand the scorching^{sun}. This fertilizer can also be used on all garden truck, flower and house plants.

DIRECTIONS FOR USE.

The first application should be made early in the Spring, as soon as the frost is out of the ground, at the rate of ten to fifteen pounds of fertilizer to every 1,000 square feet of lawn, evenly distributed. For seeding down a new lawn scatter double the amount, say twenty-five pounds of fertilizer, broadcast on every 1,000 feet, and rake it in thoroughly before sowing the seed.

UNLEACHED HARD WOOD ASHES.

UNLEACHED HARD WOOD ASHES. This is also a splendid fertilizer for the lawn and garden, containing all of the fertilizing elements except nitrogen. If used on the lawn at the rate of a ton or more per acre as a first application, an annual dressing of three hundred pounds afterwards will insure a thrifty growth of dark color, exemption from all effects of dry weather and freedom from weeds. It is also very beneficial to vegetable and field crops, and especially recommended to Cabbage and Onion Growers.

PRICE, 1,000 lbs., \$10.00; 500 lbs., \$5.50; 100 lbs., \$1.25; 50 lbs., 75c.; 25 lbs., 45c.

QUANTITIES TO USE AND PRICES.

10-lb. bag for 1,000 sq. feet of lawn, or 500 sq. feet of garden.....	\$	1.00
25-lb. bag for 2,500 sq. feet of lawn, or 1,250 sq. feet of garden.....		1.00
50-lb. bag for 5,000 sq. feet of lawn, or 2,500 sq. feet of garden.....		1.60
100-lb. bag for 1/2 acre of lawn or 1/4 acre of garden.....		2.75
200 lbs. for 1/2 acre of lawn, or 1/4 acre of garden.....	\$5.00.	40 lbs. 9.00

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WE ISSUE THE FOLLOWING CATALOGUES:

January 1—Market Gardener's Catalogue.

" " Gardening Illustrated [this one.]

June 1—Price List of Vegetable Plants.

August 15—Florists' Fall Catalogue of Bulbs, etc.

September 15—Retail Catalogue of Bulbs, etc.

November 15—Special Price List of Holly, Green, etc.

NEW YORK

14 Barclay
Street.

Vaughan's Seed Store

CHICAGO,

84 & 86
Randolph St.

Seasonable Seeds.

WHICH ARE FIRST TO CHANGE WITHOUT NOTICE.

RADISH

Early Radish

Early Radish is a very early variety, and is well adapted for the early market. It is a very good variety, and is well adapted for the early market.

BEANS

Early Beans

Early Beans is a very early variety, and is well adapted for the early market. It is a very good variety, and is well adapted for the early market.

SWEET CORN

Early Sweet Corn

Early Sweet Corn is a very early variety, and is well adapted for the early market. It is a very good variety, and is well adapted for the early market.

TURNIP

Early Turnip

Early Turnip is a very early variety, and is well adapted for the early market. It is a very good variety, and is well adapted for the early market.

SWEETS OR BUTTERBEES

Early Sweets or Butterbees

Early Sweets or Butterbees is a very early variety, and is well adapted for the early market. It is a very good variety, and is well adapted for the early market.

INSECTICIDES

Early Insecticides

Early Insecticides is a very early variety, and is well adapted for the early market. It is a very good variety, and is well adapted for the early market.

FOR SEEDSMEN

SUMMER SUPPLIES.

Garden Dibbers , each, 30c.....doz., \$3.40	
Lang's Weeder , gross, \$18.00....." 1.80	
Hazeltine Weeder , gross, \$18.00....." 1.80	
Combination Weeder" 2.00	
Noyes' Weeder" 2.00	
Excelsior Weeder , gross, \$5.50....." .50	

Roffea (subject to market changes). Per lb., 15c.; 10 lbs., \$1.40; 100 lbs., \$13.00.

Mole Traps, Lane's Patent, each, 25c.; doz., \$2.50.
Dean's Automatic, each, 65c.
Hale's, each, \$1.80.

Child's "Rainmaker" Nozzle, doz., \$3.00.

Cane Stakes, per 1000, \$3.75.

Special prices on larger lots.

TRELLISES, Fan, per doz., 18 in., 75c.; 24 in., \$1.20; 30 in., \$1.75; 3½ ft., \$4.50; 4 ft., \$4.80; 5 ft., \$6.50; 6 ft., \$7.20; 7 ft., \$3.75.

Trellises, Veranda, per doz., 5 ft., \$6.25; 6 ft., \$7.10; 7 ft., \$8.25; 8 ft., \$10.00; 9 ft., \$10.80; 10 ft., \$14.00.

Crushed Oyster Shells, 100 lbs., 90c.; 500 lbs., \$3.25; 1000 lbs., \$6.25.

Plant Stakes, light, turned, painted green, per 100, 18-inch, 80c.; 2 ft., \$1.40; 2½ ft., \$2.10; 3 ft., \$2.65; 3½ ft., \$3.35; 4 ft., \$3.85; 5 ft., \$4.50.

See also Cane Stakes.

Heavy, per 100, 3 ft., \$3.85; 4 ft., \$5.15; 5 ft., \$6.40.

INSECTICIDES.

Slug Shot, in 5 and 10 lb. packages, 100 lbs., \$3.50; full barrel, ¾ c. per lb.

Slug Shot, in bulk, 100 lbs., \$3.25; by full bbl., 3c. lb.

Paris Green, in ¼ lb. boxes, 20c. per lb.; in ½ lb. boxes, 19c. per lb.; in 1 lb. boxes, 17c. per lb.; in bulk, (14, 5 and 2 lb. packages) per lb., 16c., all net cash.

Tobacco Extract, Rose Leaf, pint, 25c.; quart, 42c.; gallon, \$1.15; 5 gallon can, \$4.25.

Tobacco Dust, per 100 lbs, \$1.25.

Tobacco Stems, in bales of about 150 lbs.; per 100 lbs., 90c.; 1000 lbs., \$7.00.

Rose Tobacco Soap, in ½ lb. tins, doz., \$1.60; 2 ounce packages, dozen, 80c.

Fir Tree Oil, in pint tins, each, 55c.; qt., \$1.00; ½ gallon, \$1.85; gallon, \$3.00.

Lemon Oil, in pint tins, each, 35c.; quart, 60c.; gallon, \$2.00.

Whale Oil Soap, per lb., 10c.

Kerosene Emulsion, 2 quart tins, each, 26c.; dozen, \$2.85.

Flowers of Sulphur, 10 lbs., 35c.; 100 lbs., \$3.00.

Grape Dust, per 100 lbs., \$4.50.

Bordeaux Mixture, quart tins, each, 20c.; dozen, \$2.20.

White Powdered Hellebore, in bulk, 100 lbs., \$12.00; 25 lbs., \$3.50; per lb., 15c.

FERTILIZERS.

Subject to Market Changes. Terms Net Cash.

All these Fertilizers in bulk are f. o. b. Chicago, if to be shipped from N. Y., write there for special quotation.

If any of the following Fertilizers are wanted in 25 and 50 lb. bags we charge 15 cents per 100 lbs., extra.

Kainit or German Potash Salt, per ton, \$19.50; 200 lbs., \$2.25.

Unleached Hardwood Ashes, per 1000 lbs., \$6.00; 100 lbs., 90c.

Peruvian Guano, per 100 lbs., \$3.25.

Horn Shavings, per 100 lbs., \$2.85.

Land Plaster or Gypsum, bbl., (about 300 lbs.) \$1.50; 3 bbls., \$4.00.

Nitrate of Soda, per 100 lbs., \$3.00, 200 lbs., \$5.75.

Raw Bone Meal, per ton, \$30.00; 200 lbs., \$3.30.

Bone Flour, pure white, fine plant food, per 100 lbs., \$2.75.

Bone Meal, per ton, \$24.50; 200 lbs., \$2.65.

Vaughan's "Rose Grower" Bone Meal, per ton, \$27.00; 200 lbs., \$2.95.

Truck Manure, "All Soluble" per ton, \$27.00; 200 lbs., \$3.00.

Bone and Blood, per ton, \$22.00; 200 lbs., \$2.50.

Vaughan's High Grade Truck and Farm Manure, per ton, \$33.50; 200 lbs., \$3.60.

Ammoniated Bone with Potash, per ton, \$21.00; 200 lbs., \$2.35.

Sheep Manure, Pulverized, per 100 lbs., \$1.00; 1000 lbs., \$8.00.

Fruit and Root Crop Manure, per ton, \$24.50; 200 lbs., \$2.65.

Muriate of Potash, per ton, \$51.00; 200 lbs., \$5.50.

Sulphate of Potash, per ton, \$56.00; 200 lbs., \$5.90.

Lawn Fertilizer, per ton, \$35.00; 200 lbs., \$3.85.

Jadoo Fibre, per 100 lbs., \$2.25; 300 lbs., \$6.00.

Fertilizers in Packages for Retailing.

Vaughan's Excelsior Plant Food, per doz. 1-lb. packages, \$1.75.

Vaughan's Excelsior Plant Food, per doz. ½-lb. packages, \$1.00.

Bowker's Plant Food, 1-lb. packages, box of 2 doz., \$4.00; per doz., \$2.15.

Bowker's Plant Food, ½-lb. packages, box of 2 doz., \$2.20; per doz., \$1.15.

Seasonable Seeds.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

TURNIP.

	LB.	100 LBS.
Earliest White Milan.....	\$.40	
Extra Early Purple Top Milan.....	.25	\$20.00
Early Purple Top Munich.....	.25	20.00
Early Red or Purple Top Strap Leaf.....	.15	13.00
White Egg.....	.20	18.00
Purple Top White Globe.....	.16	14.00
Large White Norfolk.....	.15	13.00
White Flat Dutch.....	.14	12.50
Pomeranian White Globe.....	.16	13.00
Yellow Aberdeen.....	.17	14.00
Sweet German.....	.15	13.00
Golden Ball.....	.16	14.00
Long Cowhorn.....	.18	15.00
Small Berlin or Teltow.....	.35	
Amber Globe.....	.14	12.50
Kashmyr, new.....	.30	25.00
Gratcheff's Early Flat Scarlet.....	.25	20.00

SWEDES OR RUTABAGAS.

Monarch.....	\$.18	\$15.00
Laing's Improved.....	.16	14.00
Carter's Imperial Swede.....	.15	13.00
American Purple Top Improved.....	.18	15.00
Skirving's Improved.....	.15	13.00
Sutton's Champion, extra.....	.16	14.00
Breadstone.....	.45	40.00

Corn Salad, Large Seeded, lb., 30c.; 10 lbs., \$2.50.

Endive, Green Curled, lb., 75c.; 10 lbs., \$7.00.

Kale, Dwarf Green Curled, lb., 35c.; 10 lbs., \$3.25.

" Tall Green Curled, lb., 40c.; 10 lbs., \$3.75.

Spinach, write for prices.

Rape, Dwarf Essex, per 100 lb., \$6.00; 10 lbs., 70c.

RADISH.

Winter Varieties.	LB.	100 LBS.
Chinese Mammoth, or Celestial.....	\$.50	\$45.00
California Mammoth White Winter.....	.30	
Rose or Scarlet China Winter.....	.35	30.00
Round Black Spanish.....	.25	22.00
Long Black Spanish.....	.25	22.00
Half Long Black.....	.40	

BEANS.

	PER BUSH.
Improved Earliest Red Valentine.....	\$ 7.00
Long Yellow Six Weeks.....	3.75
Early Round Pod Six Weeks.....	3.75
Currie's Rust Proof, Golden Wax.....	4.00
Golden Eye Wax.....	3.50
Prolific German Black Wax.....	4.00
Refugee Wax.....	3.75
Speckled Wax.....	3.00

SWEET CORN.

	BUSHEL.
Burbank's Early Maine, as early as Cory.....	\$2.25
Adam's Early, not sweet but early.....	2.25
Country Gentleman.....	2.50
Hickox Improved.....	2.25
Black Mexican.....	2.25
Stowell's Evergreen, Eastern Grown.....	2.00
" " Western Grown.....	1.00
Egyptian.....	2.00
Sweet Fodder.....	1.50

VAUGHAN'S SEED STORE

NEW YORK, 14 Barclay Street.

CHICAGO, 84-86 Randolph Street.

New Musk Melon "PAUL ROSE"

When first marketed this melon was sold under the name "Petoskey."

In the "PAUL ROSE" we are offering the best Musk Melon introduced for many years. It is a successful cross of the Osage with the Netted Gem, and combines the sweetness of the former with the fine netting of the Gem. It also has a firmness of rind and "cheesy" structure of flesh peculiarly its own, and is superior in these respects to any melon in existence.

It surpasses all melons as a shipper and long keeper and no other melon equals it in smallness of seed cavity, nor approaches it in firmness.

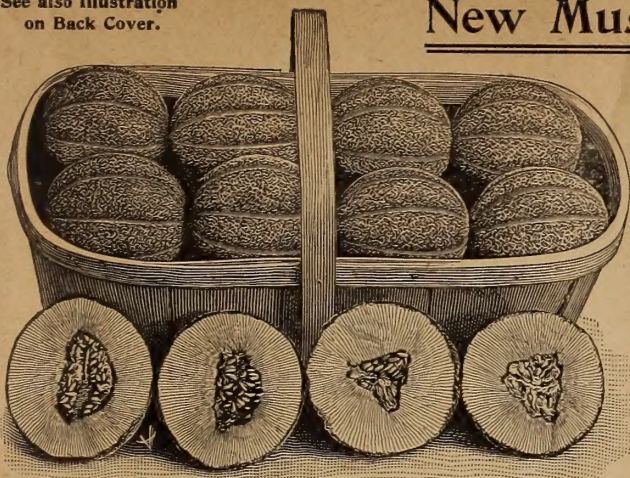
With such ideas in view, Mr. Paul Rose, one of the most extensive and successful growers in the United States, has produced this as a result of six years' critical selection for a basket melon of perfect quality for the shipping trade.

In time of glut the "PAUL ROSE" was eagerly called for and quickly sold at prices four or five times higher than any other melons on the market.

This is what we said about the "PAUL ROSE" last year, and we can only add that our claims have been verified in all particulars. Market gardeners who planted it made money out of its sales, private planters pronounced it the most delicious melon they ever tasted.

One important point which we failed to emphasize, and which is of vital importance to the gardener, is the fact that it is from 10 days to 2 weeks earlier than the Osage.

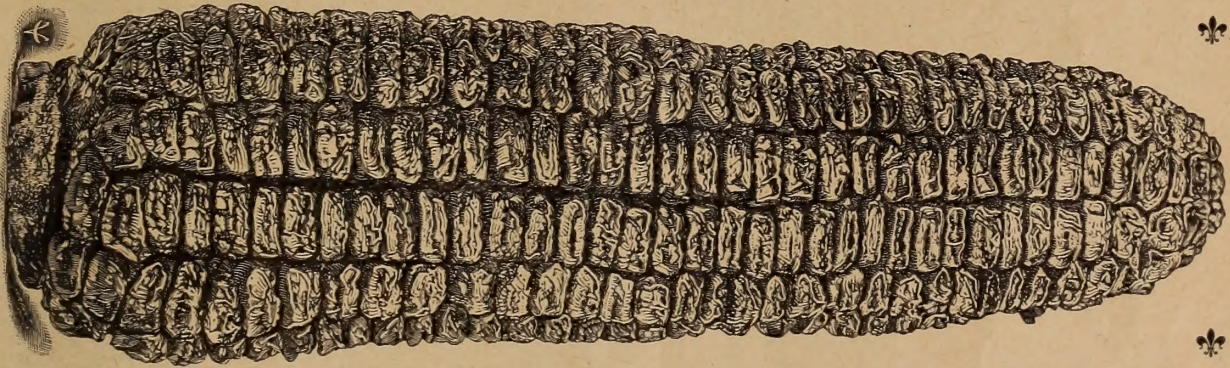
The seed we offer this year as "originator's stock" has again been selected by Mr. Rose, while "Vaughan's Regular Stock" was grown from his '97 selection, both strains however with a view to the uniformity in size and to maintain its original good qualities.



The uniform shape and average diameter, about five inches, of this melon, permit placing of two layers of eight each in a half bushel basket, making a handy package of sixteen melons. Average about 1½ lbs. each. The basket and fruit will weigh about 25 lbs., a size most convenient for market.

They can be piled as economically in cars or handled in stores as grape baskets. This compact and neat appearance when packed, aside from its superlative quality stamps the "Paul Rose" as a seller.

PRICE, { Originator's Selected Stock Seed (Northern Michigan Grown) per lb., \$2.50; ¼ lb., 70c.; 2 ozs., 40c.; oz., 25c.; pkt., 10c., postpaid.
Vaughan's Regular Stock, 1898 selection, per lb., \$2.00; ¼ lb., 60c.; 2 ozs., 35c.; oz., 20c.; pkt., 10c., postpaid.



MAMMOTH WHITE CORY SWEET CORN.

A great deal of thought and labor has been devoted to the improvement of Sweet Corn and we are pleased to be able to offer such a real improvement as this Mammoth White Cory.

AS EARLY AS THE EARLIEST, AND NO EXTRA EARLY SWEET CORN WILL COMPARE WITH IT IN SIZE.

The ears are 12-rowed, fully twice the size of the old Cory, white cobbled and covered with very large, white grains of good quality. No other Sweet Corn will find ready sale in a market which is supplied with Mammoth White Cory and the gardener who wishes to get the cream of the trade should make his early plantings of this splendid variety.

AS A FIRST **EXTRA** EARLY, Nothing Earlier.
EARLY IT IS **QUALITY**, Nothing Better.
LARGE, Nothing Larger.

PRICE, Pkt., 10c.; pint, 20c.; quart, 40c.; postpaid. By express, at buyer's expense, large pkt., 10c.; pint, 15c.; quart, 30c.; ½ peck, 65c.; peck, \$1.20.

New Red, or Golden Hubbard Squash.

(For illustration see back cover.)

A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. Flesh deep golden-yellow much richer in color than Hubbard, fine grained, cooks very dry and is of excellent flavor. Its keeping qualities are fully equal to, while in productiveness it far excels the green variety. This is a squash that every market gardener should plant, for it is a "seller". It is equally desirable for the home garden on account of its excellent qualities and handsome appearance.

Price lb., \$1.50; ¼ lb., 45c.; oz., 15c.; pkt., 10c.



NEW STRINGLESS GREEN POD BUSH BEAN.

(For illustration see back cover.)

The Earliest of all Green-podded Bush Beans.

The only absolutely stringless green-podded Bean in the market. The pod is round, full, and larger and straighter than that of the Red Valentine, besides being two weeks earlier. If we could have but one green-podded Bean, our choice would be "The Stringless", for it is always good; planted early or late the pods are always thick and fleshy and without strings.

Price, pkt., 10c.; pint, 25c.; quart, 45c., postpaid. By express, at buyer's expense, large pkt., 10c.; pint, 20c.; qt., 30c.; ½ peck, \$1.00; peck, \$1.85; bushel, \$6.50.

VAUGHAN'S "BACK COVER" COLLECTION.

One packet each of the above 4 specialties, for 30c.; 4 collections for \$1.00, postpaid.

VAUGHAN'S SEED STORE

CHICAGO.
NEW YORK.



Stringless Green Pod Bush Bean.

Mammoth White Cory Sweet Corn.



PAUL ROSE PETOSKY MUSKMELON.



Golden Hubbard Squash.



VAUGHAN'S "JUBILEE COLLECTION"

ONE PKT. EACH
PAUL ROSE MELON,
MAMMOTH WHITE CORY SWEET CORN,
GOLDEN HUBBARD SQUASH,
STRINGLESS GREEN POD BUSH BEAN,
FOR 30 CENTS POST PAID,
4 COLLECTIONS (TO ANYONE OR MORE
ADDRESSES) FOR \$1.00

FOR DESCRIPTIONS AND PRICES ON LARGER LOTS SEE INSIDE COVER PAGE.